

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2014 Levee Inspection Results****American River Flood Control District**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 01 Arcade Creek			Left	2.10
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/29/2014 - 04/29/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Richard Marck ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_NA0001_01_s _ 2013_2				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_NA0001_01_s _ 2013_24				
Action/Comments					

No Photos

LM Start		Rating **	A	Issue No.	25
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_NA0001_01_s _ 2013_25				
Action/Comments					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	0.03	Rating **	M	Issue No.	51
LM End	0.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.619578 °	38.623700 °
				-121.467128 °	-121.457672 °
DWR ID	DWR_NA0001_01_s _ 2014_51				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : mkhashch_s_20140508_00957.jpg



View of the annual vegetation on the landside levee slope.

LM Start	0.40	Rating **	A/W	Issue No.	60
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.622579 °	38.622579 °
				-121.461567 °	-121.461567 °
DWR ID	DWR_NA0001_01_s _ 2012_60				
Action/Comments					
Pipe					

Photo 1 of 1 : mkhashch_s_20140428_00033.jpg



View of the pipe at the waterside levee hinge.

LM Start	0.48	Rating **	A/W	Issue No.	164
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.623227 °	38.623227 °
				-121.460399 °	-121.460399 °
DWR ID	DWR_NA0001_01_s _ 2012_164				
Action/Comments					
Note and monitor erosion site. Inspector Comments: 4'-5' diameter by 1' deep hole mid-slope on the landside.					

Photo 1 of 1 : mkhashch_s_20140428_00034.jpg



11/17/2011 Hole/depression approximately mid-slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	0.48	Rating **	C	Issue No.	165
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.623242 °	38.623242 °
				-121.460363 °	-121.460363 °
DWR ID	DWR_NA0001_01_s _ 2012_165				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Old burrows that need to be filled. Burrows are larger than 6" and were obscured by grass.					

No Photos

LM Start	0.66	Rating **	M	Issue No.	34
LM End	0.66	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.623668 °	38.623668 °
				-121.457156 °	-121.457156 °
DWR ID	DWR_NA0001_01_s _ 2014_34				
Action/Comments					
Inspector Comments: FS_ID:31169					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to coordinate with the City of Sacramento to determine if structure (assumed indicated by green/orange symbol) crosses levee or symbol is referencing bridge.					
FIELD_STRUCT_DESC: Indicator of crossing found on waterward side edge. Symbol for Flood Control Structure (green/orange circle) was found during field inspection 12/19/13, symbol matches flood control structures that the City of Sacramento inspects.					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6314.jpg



Indicator of crossing found on waterward side edge. Symbol is a Flood Control Structure (green/orange circle).

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	0.66	Rating **	M	Issue No.	36
LM End	0.66	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.623667 °	38.623667 °
				-121.457134 °	-121.457134 °
DWR ID	DWR_NA0001_01_s _ 2014_36				
Action/Comments					
Inspector Comments: FS_ID:31167					
EP_NO: 3417					
Repair Type:					
Crossing Status:					
UCIP Comments: no markers visible on waterward or landward side indicating this is a gas line--need to contact owner to determine if this crossing is gas line.					
FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 1.5 feet below the crown. CM cutoff wall around pipe at center of levee.					
Pump hung on bridge for channel crossing. (Permit No. 3417-1961)					
FS Date: 12/19/2013					

No Photos

LM Start	0.77	Rating **	U	Issue No.	183
LM End	0.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624016 °	38.624016 °
				-121.455193 °	-121.455193 °
DWR ID	DWR_NA0001_01_s _ 2012_183				
Action/Comments					
Fence					
Inspector Comments: Dog-eared fence built within 10' of the toe					

Photo 1 of 1 : mkhashch_s_20140428_00046.jpg



11/17/2011 Wooden privacy fence.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	0.80	Rating **	C	Issue No.	32
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624178 °	38.624178 °
				-121.454727 °	-121.454727 °
DWR ID	DWR_NA0001_01_f_2013_32				
Action/Comments					
Debris					

No Photos

LM Start	0.95	Rating **	U	Issue No.	182
LM End	0.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625072 °	38.625072 °
				-121.452225 °	-121.452225 °
DWR ID	DWR_NA0001_01_s_2012_182				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence built within 10' of the toe.					

Photo 1 of 1 : mkhashch_s_20140428_00045.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.16	Rating **	U	Issue No.	23
LM End	1.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624832 °	38.624832 °
				-121.448607 °	-121.448607 °
DWR ID	DWR_NA0001_01_s_2012_23				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence and chain link fence is built against the levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00020.jpg



11/17/2011 Fence built on the levee slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.17	Rating **	U	Issue No.	22
LM End	1.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624850 °	38.624850 °
				-121.448428 °	-121.448428 °
DWR ID	DWR_NA0001_01_s _ 2012_22				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00019.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.18	Rating **	U	Issue No.	21
LM End	1.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624877 °	38.624877 °
				-121.448248 °	-121.448248 °
DWR ID	DWR_NA0001_01_s _ 2012_21				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00018.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.19	Rating **	U	Issue No.	20
LM End	1.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.624900 °	38.624900 °
				-121.448037 °	-121.448037 °
DWR ID	DWR_NA0001_01_s _ 2012_20				
Action/Comments					
Fence					
Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00017.jpg



Photo of solid fences built against the levee slope.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.22	Rating **	M	Issue No.	39
LM End	1.22	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625117 °	38.625117 °
				-121.447318 °	-121.447318 °
DWR ID	DWR_NA0001_01_s_2014_39				

Action/Comments

Inspector Comments: FS_ID:31178

EP_NO: 14575

Repair Type:

Crossing Status:

UCIP Comments: Crossing is present in the layer provided by the City of Sacramento, however this crossing was not found in the field. Need to determine status of crossing. If crossing is no longer used, owner will need to coordinate with Central Valley Flood Protection Board to comply with Title 23.

FIELD_STRUCT_DESC: 30-inch concrete encased steel water main through the levee, 4.5 feet below the crown. Steel cutoff wall around pipe at center of levee. (Permit No. 14575-1988)

FS Date: 12/19/2013

Photo 1 of 1 : UCIP_6315.jpg



Alignment indicated in blue is approximate locations for pipes that cross levee. Alignment information was obtained from the City of Sacramento.

LM Start	1.26	Rating **	U	Issue No.	18
LM End	1.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625300 °	38.625300 °
				-121.446767 °	-121.446767 °
DWR ID	DWR NA0001 01 s 2012 18				

Action/Comments

Building

Inspector Comments: Cement block building within 10-ft of toe.

Photo 1 of 1 : mkhashch_s_20140428_00016.jpg



Fall 2009 photo: Buildings and fence near levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.27	Rating **	M	Issue No.	40
LM End	1.27	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625500 °	38.625500 °
				-121.446390 °	-121.446390 °
DWR ID	DWR_NA0001_01_s_2014_40				
Action/Comments					
Inspector Comments: FS_ID:30085					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location.					
FIELD_STRUCT_DESC: 1 of 3: 16-inch pipe through the levee, 8.0 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986).					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6273.jpg



Overview of levee crown at crossing.

LM Start	1.27	Rating **	M	Issue No.	41
LM End	1.27	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625500 °	38.625500 °
				-121.446390 °	-121.446390 °
DWR ID	DWR_NA0001_01_s_2014_41				
Action/Comments					
Inspector Comments: FS_ID:29732					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm location--will need to coordinate with owner to determine if crossing is still active and determine location.					
FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 8.0 feet below the crown. Flap gate on the waterward end. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986).					
FS Date: 12/19/2013					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.30	Rating **	M	Issue No.	42
LM End	1.30	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625603 °	38.625603 °
				-121.446035 °	-121.446035 °
DWR ID	DWR_NA0001_01_s_2014_42				
Action/Comments					
Inspector Comments: FS_ID:29734					
EP_NO: 15152					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to confirm if this crossing is gas line. Need to contact owner to determine status of crossing (active or inactive) and to determine last inspection date. Will need copy of letter showing crossings passed inspection. Missing utility markers.					
FIELD_STRUCT_DESC: 4-inch (appears to be 4.5 or 5 inches instead of 4 inches) steel gas main through the levee, 2.5 feet below the crown.					
Vent on the waterward shoulder. (Permit No. 15152-1989)					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6225.jpg



View of levee crown with repair signs at crossing.

LM Start	1.34	Rating **	U	Issue No.	17
LM End	1.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625901 °	38.625901 °
				-121.445393 °	-121.445393 °
DWR ID	DWR_NA0001_01_s_2012_17				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence					

Photo 1 of 1 : mkhashch_s_20140428_00015.jpg



11/17/2011 Wooden privacy fence built at the levee toe. Levee slope is being used to support the fence.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.34	Rating **	N	Issue No.	26
LM End	1.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.625926 °	38.625926 °
				-121.445329 °	-121.445329 °
DWR ID	DWR_NA0001_01_f_2013_26				
Action/Comments					
Tree stumps.					

No Photos

LM Start	1.35	Rating **	U	Issue No.	50
LM End	1.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625982 °	38.625982 °
				-121.445231 °	-121.445231 °
DWR ID	DWR_NA0001_01_s_2014_50				
Action/Comments					
Fence					

Photo 1 of 1 : mkhashch_s_20140508_00956.jpg



View of the fence at the landside levee toe obstructing visibility and access.

LM Start	1.35	Rating **	N	Issue No.	178
LM End	1.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.626063 °	38.626063 °
				-121.444988 °	-121.444988 °
DWR ID	DWR_NA0001_01_s_2012_178				
Action/Comments					
Tree stumps. Inspector Comments: Two stumps at landside toe.					

Photo 1 of 1 : mkhashch_s_20140428_00044.jpg



11/17/2011 Two stumps at levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.37	Rating **	U	Issue No.	16
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626000 °	38.626000 °
				-121.444978 °	-121.444978 °
DWR ID	DWR_NA0001_01_s _ 2012_16				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence					

Photo 1 of 1 : mkhashch_s_20140428_00014.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.38	Rating **	U	Issue No.	15
LM End	1.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626048 °	38.626048 °
				-121.444785 °	-121.444785 °
DWR ID	DWR_NA0001_01_s _ 2012_15				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence with vine on levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00013.jpg



Fall 2009 photo: Wooden and wire fence are within 10-ft of levee toe.

LM Start	1.39	Rating **	U	Issue No.	14
LM End	1.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626085 °	38.626085 °
				-121.444580 °	-121.444580 °
DWR ID	DWR_NA0001_01_s _ 2012_14				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence					

Photo 1 of 1 : mkhashch_s_20140428_00012.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.40	Rating **	M	Issue No.	38
LM End	1.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626210 °	38.626210 °
				-121.444320 °	-121.444320 °
DWR ID	DWR_NA0001_01_s _ 2012_38				
Action/Comments					
Building					
Inspector Comments: Small wooden storage shed and firewood are placed along chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00030.jpg



11/17/2011 Shed and firewood can be seen through the chainlink fence.

LM Start	1.41	Rating **	U	Issue No.	13
LM End	1.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626155 °	38.626155 °
				-121.444250 °	-121.444250 °
DWR ID	DWR_NA0001_01_s _ 2012_13				
Action/Comments					
Fence Inspector Comments: Wooden fence with barbed wire is built within 10-ft of levee toe. 04/13/2011 Fence has blown over and now partially rests on the levee. Fall insp 2011 fence has been rebuilt in same location, within 10' of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00011.jpg



11/17/2011 New wooden privacy fence built within 15' of the levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.42	Rating **	U	Issue No.	12
LM End	1.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626212 °	38.626212 °
				-121.444082 °	-121.444082 °
DWR ID	DWR_NA0001_01_s _ 2012_12				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built near the levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00010.jpg



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

LM Start	1.43	Rating **	U	Issue No.	177
LM End	1.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.626429 °	38.626429 °
				-121.443835 °	-121.443835 °
DWR ID	DWR_NA0001_01_s _ 2012_177				
Action/Comments					
Landscaping Inspector Comments: Thick vegetation at the toe.					

Photo 1 of 1 : mkhashch_s_20140428_00043.jpg



11/17/2011 Thick vegetation at the levee toe.

LM Start	1.48	Rating **	U	Issue No.	176
LM End	1.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.626881 °	38.626881 °
				-121.443253 °	-121.443253 °
DWR ID	DWR_NA0001_01_s _ 2012_176				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10' of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00042.jpg



11/17/2011 Wooden privacy fence built within 15' of the levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.52	Rating **	N	Issue No.	56
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627224 °	38.627224 °
				-121.442515 °	-121.442515 °
DWR ID	DWR_NA0001_01_s _ 2012_56				
Action/Comments					
Tree stumps. Inspector Comments: 5 stumps 14 to 30 Inches in diameter.					

Photo 1 of 1 : mkhashch_s_20140428_00032.jpg



Several large stumps on levee slope.

LM Start	1.54	Rating **	M	Issue No.	35
LM End	1.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627281 °	38.627281 °
				-121.442203 °	-121.442203 °
DWR ID	DWR_NA0001_01_s _ 2012_35				
Action/Comments					
Landscaping Inspector Comments: Bushes and trees along chain link fence block access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00028.jpg



Fall 2009 photo:Vegetation obstructing visibility near levee slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.57	Rating **	M	Issue No.	43
LM End	1.57	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627277 °	38.627277 °
				-121.441661 °	-121.441661 °
DWR ID	DWR_NA0001_01_s _ 2014_43				
Action/Comments					
Inspector Comments: FS_ID:31179					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: No markers found. PG&E line. Need to contact owner					
to determine status of crossing. permit?					
FIELD_STRUCT_DESC: 1 of 2: 4-inch pipe through the levee, below					
ground elevation and under the Channel.					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6316.jpg



Overall view of levee crown looking downstream from approximately 100 feet upstream of crossing.

LM Start	1.57	Rating **	M	Issue No.	44
LM End	1.57	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627277 °	38.627277 °
				-121.441650 °	-121.441650 °
DWR ID	DWR_NA0001_01_s _ 2014_44				
Action/Comments					
Inspector Comments: FS_ID:31181					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: No markers visible indicating crossing through levee.					
PG&E line. Need to coordinate with owner. Permit?					
FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee, below					
ground elevation and under the channel.					
FS Date: 12/19/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.58	Rating **	M	Issue No.	45
LM End	1.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627241 °	38.627241 °
				-121.441465 °	-121.441465 °
DWR ID	DWR_NA0001_01_s_2014_45				
Action/Comments					
Inspector Comments: FS_ID:31182					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: 1/29/14 1/29/14 approximate alignment of crossings was provided by the City of Sacramento for known crossings through levee. Unable to confirm last inspection. Also City records indicate 24-inch CMP not 15-inch--need to clarify with owner. Crossing is operational.					
FIELD_STRUCT_DESC: 15-inch pipe through the levee, 8.5 feet below the crown. Flap gate on the waterward end.					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6328.jpg



View of concrete vault located on waterward apex.

LM Start	1.58	Rating **	A/W	Issue No.	174
LM End	1.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627244 °	38.627244 °
				-121.441462 °	-121.441462 °
DWR ID	DWR_NA0001_01_s_2012_174				
Action/Comments					
Pipe					
Inspector Comments: Flap gate appeared to be closed.					

Photo 1 of 1 : mkhashch_s_20140428_00041.jpg



View of flap gate.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.58	Rating **	A/W	Issue No.	54
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.627251 °	38.627251 °
				-121.441460 °	-121.441460 °
DWR ID	DWR_NA0001_01_s _ 2012_54				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : mkhashch_s_20140428_00031.jpg



Slope stability due to foot traffic needs to be monitored.

LM Start	1.59	Rating **	N	Issue No.	31
LM End	1.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627335 °	38.627335 °
				-121.441172 °	-121.441172 °
DWR ID	DWR_NA0001_01_f _ 2012_31				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : mkhashch_s_20140428_00025.jpg



View of large tree stump at levee toe.

LM Start	1.59	Rating **	M	Issue No.	37
LM End	1.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627215 °	38.627215 °
				-121.441218 °	-121.441218 °
DWR ID	DWR_NA0001_01_s _ 2012_37				
Action/Comments					
Debris Inspector Comments: Wood rounds and some pieces of pipe may be being stored on levee, need to be removed.					

Photo 1 of 1 : mkhashch_s_20140428_00029.jpg



04/13/2011 Items appear to be stored on levee, need to be removed.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.61	Rating **	N	Issue No.	49
LM End	1.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627192 °	38.627192 °
				-121.440836 °	-121.440836 °
DWR ID	DWR_NA0001_01_s _ 2014_49				
Action/Comments					
Tree stumps.					

No Photos

LM Start	1.65	Rating **	N	Issue No.	173
LM End	1.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627297 °	38.627297 °
				-121.440188 °	-121.440188 °
DWR ID	DWR_NA0001_01_s _ 2012_173				
Action/Comments					
Tree stumps. Inspector Comments: Large stump at levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00040.jpg



11/17/2011 Stump at levee toe.

LM Start	1.69	Rating **	A/W	Issue No.	48
LM End	1.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627594 °	38.627594 °
				-121.439540 °	-121.439540 °
DWR ID	DWR_NA0001_01_s _ 2014_48				
Action/Comments					
Trees / Woody Vegetation					
Inspector Comments: Tree obstructing visibility and access.					

Photo 1 of 1 : mkhashch_s_20140508_00955.jpg



View of the overgrown tree at the landside levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.80	Rating **	U	Issue No.	10
LM End	1.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627946 °	38.627946 °
				-121.437624 °	-121.437624 °
DWR ID	DWR_NA0001_01_f_2012_10				
Action/Comments					
Fence Inspector Comments: New fence constructed with 7 redwood planted at levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00009.jpg



View of new fence constructed at levee toe and 7 redwood trees planted behind fence within easement.

LM Start	1.81	Rating **	U	Issue No.	170
LM End	1.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627934 °	38.627934 °
				-121.437423 °	-121.437423 °
DWR ID	DWR_NA0001_01_s_2012_170				
Action/Comments					
Landscaping Inspector Comments: Growth on old wooden fence, which has since been replaced by a chainlink fence is obstructive.					

Photo 1 of 1 : mkhashch_s_20140428_00039.jpg



11/17/2011 Growth on existing wooden fence is obstructive.

LM Start	1.82	Rating **	U	Issue No.	169
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627914 °	38.627914 °
				-121.437263 °	-121.437263 °
DWR ID	DWR_NA0001_01_s_2012_169				
Action/Comments					
Building Inspector Comments: Shed on concrete pad within 10' of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00038.jpg



11/17/2011 Wooden shed on concrete pad built within 15' of levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.82	Rating **	U	Issue No.	33
LM End	1.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627915 °	38.627915 °
				-121.437246 °	-121.437246 °
DWR ID	DWR_NA0001_01_s _ 2012_33				
Action/Comments					
Building Inspector Comments: Wooden animal pen is built against levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00027.jpg



11/17/2011 Wooden structure is built within 15' of the levee toe.

LM Start	1.83	Rating **	M	Issue No.	9
LM End	1.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627880 °	38.627880 °
				-121.437368 °	-121.437368 °
DWR ID	DWR_NA0001_01_s _ 2012_9				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built near the levee slope and has partially fallen. Bushes are overgrown. Fence has fallen over. Portion of the fence has been replaced.					

Photo 1 of 1 : mkhashch_s_20140428_00008.jpg



04/13/2011 Portion of fence has been replaced, assume that this is the portion that fell down and was referenced in the fall '10 inspection.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.85	Rating **	M	Issue No.	8
LM End	1.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627889 °	38.627889 °
				-121.436638 °	-121.436638 °
DWR ID	DWR_NA0001_01_s _ 2012_8				
Action/Comments					
Landscaping Inspector Comments: Ivy, trees and other landscaping growing on a wooden privacy fence are obstructing visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00007.jpg



11/17/2011 Landscaping vegetation growth on the fence is obstructive.

LM Start	1.86	Rating **	U	Issue No.	7
LM End	1.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627889 °	38.627889 °
				-121.436454 °	-121.436454 °
DWR ID	DWR_NA0001_01_s _ 2012_7				
Action/Comments					
Landscaping Inspector Comments: Metal sided shelter, blackberries and cherry trees are obstructive.					

Photo 1 of 1 : mkhashch_s_20140428_00006.jpg



11/17/2011 Blackberries growing on fence are obstructive.

LM Start	1.92	Rating **	U	Issue No.	6
LM End	1.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627725 °	38.627725 °
				-121.435715 °	-121.435715 °
DWR ID	DWR_NA0001_01_s _ 2012_6				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built within 10-ft of the levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00005.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.93	Rating **	U	Issue No.	5
LM End	1.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627680 °	38.627680 °
				-121.435555 °	-121.435555 °
DWR ID	DWR_NA0001_01_s_2012_5				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00004.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	1.93	Rating **	U	Issue No.	4
LM End	1.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627683 °	38.627683 °
				-121.435298 °	-121.435298 °
DWR ID	DWR_NA0001_01_s_2012_4				
Action/Comments					
Fence Inspector Comments: Wooden fence and landscaping completely block visibility.					

Photo 1 of 1 : mkhashch_s_20140508_00954.jpg



View of the wooden fence at the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.93	Rating **	U	Issue No.	3
LM End	1.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627658 °	38.627658 °
				-121.435192 °	-121.435192 °
DWR ID	DWR_NA0001_01_s _ 2012_3				
Action/Comments					
Fence Inspector Comments: Dog-eared wooden fence is built against the levee slope.					

Photo 1 of 1 : mkhashch_s_20140508_00953.jpg



View of the fence at the landside levee toe.

LM Start	1.94	Rating **	U	Issue No.	30
LM End	1.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627646 °	38.627646 °
				-121.435151 °	-121.435151 °
DWR ID	DWR_NA0001_01_s _ 2012_30				
Action/Comments					
Building Inspector Comments: Concrete pad and wooden frame structure is being built within 15-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140505_00952.jpg



Building on concrete pad within 15 feet of the landside levee toe.

LM Start	1.95	Rating **	A/W	Issue No.	168
LM End	1.95	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627565 °	38.627565 °
				-121.434818 °	-121.434818 °
DWR ID	DWR_NA0001_01_s _ 2012_168				
Action/Comments					
Pipe					
Inspector Comments: Flap gate is blocked by tulies growing in the outfall structure. Gate is blocked in the closed position.					

Photo 1 of 1 : mkhashch_s_20140505_00951.jpg



View of the vegetation obstructing the outfall.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.98	Rating **	U	Issue No.	167
LM End	1.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627433 °	38.627433 °
				-121.434341 °	-121.434341 °
DWR ID	DWR_NA0001_01_s _ 2012_167				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10' of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00036.jpg



11/17/2011 Wooden privacy fence built at the levee toe.

LM Start	2.00	Rating **	M	Issue No.	1
LM End	2.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627318 °	38.627318 °
				-121.434208 °	-121.434208 °
DWR ID	DWR_NA0001_01_s _ 2012_1				
Action/Comments					
Landscaping					
Inspector Comments: Vine growing on fence and slope blocks visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00001.jpg



View of the fence and landscaping at the landside levee toe.

LM Start	2.02	Rating **	U	Issue No.	29
LM End	2.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627292 °	38.627292 °
				-121.433709 °	-121.433709 °
DWR ID	DWR_NA0001_01_s _ 2012_29				
Action/Comments					
Building					
Inspector Comments: Two-story home foundation is within 10-ft of levee toe. Chain link fence is built on levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00023.jpg



11/17/2011 Building foundation is within 15' of the levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	2.04	Rating **	U	Issue No.	28
LM End	2.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627257 °	38.627257 °
				-121.433327 °	-121.433327 °
DWR ID	DWR_NA0001_01_s _ 2012_28				
Action/Comments					
Building Inspector Comments: Large wooden building behind corrugated metal covered fence is within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00022.jpg



11/17/2011 Wooden structure is within 15' of the levee toe.

LM Start	2.05	Rating **	M	Issue No.	27
LM End	2.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627230 °	38.627230 °
				-121.433039 °	-121.433039 °
DWR ID	DWR_NA0001_01_s _ 2012_27				
Action/Comments					
Building Inspector Comments: Pre-fab storage shed is within 10-ft of landside toe.					

Photo 1 of 1 : mkhashch_s_20140428_00021.jpg



11/17/2011 Wooden structure is within 15' of the levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Arcade Creek	Left	2.10	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	2.08	Rating **	M	Issue No.	46
LM End	2.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627239 °	38.627239 °
				-121.432501 °	-121.432501 °
DWR ID	DWR_NA0001_01_s _ 2014_46				
Action/Comments					
Inspector Comments: FS_ID:31185					
EP_NO: 13044					
Repair Type:					
Crossing Status:					
UCIP Comments: Orange/Green symbol for flood structure found on floodwall. No crossing found. Need to determine if crossing is in use. This crossing is not shown in the City of Sacramento's sewer drain mains or water mains. Need to contact owner to determine if crossing is still in use.					
FIELD_STRUCT_DESC: 12-inch steel water main through the levee, 4.0 feet below the crown. (Permit No. 13044-1981)					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6330.jpg



Markers visible of crossing on bridge.

LM Start	2.09	Rating **	M	Issue No.	47
LM End	2.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627242 °	38.627242 °
				-121.432469 °	-121.432469 °
DWR ID	DWR_NA0001_01_s _ 2014_47				
Action/Comments					
Inspector Comments: FS_ID:31424					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: no permit--need to determine additional information and owner of crossings.					
FIELD_STRUCT_DESC: 1-4 inch conduit and 1-2 inch communication cable through levee. Conduits are suspended through waterway and attached to downstream face of bridge.					
FS Date: 12/19/2013					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 02 Natomas E Canal			Left	3.95
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/28/2014 - 04/29/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Richard Marck ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	0.28	Rating **	M	Issue No.	2
LM End	0.28	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.605822 °	38.605822 °
				-121.468078 °	-121.468078 °
DWR ID	DWR_NA0001_02_s_2012_2				
Action/Comments					
Pole					
Inspector Comments: Power pole in levee					

Photo 1 of 1 : mkhashch_s_20140428_00054.jpg



04/13/2011 Power pole is in the levee on the water side.

LM Start	0.32	Rating **	M	Issue No.	9
LM End	0.32	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.606204 °	38.606204 °
				-121.467817 °	-121.467817 °
DWR ID	DWR_NA0001_02_s_2014_9				
Action/Comments					
Inspector Comments: FS_ID:31443					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: no permit (unauthorize crossing)--need to determine additional information about crossing. Unable to determine if pipe crosses levee.					
FIELD_STRUCT_DESC: 4-inch HDPE pipe through levee at unknown depth.					
FS Date: 12/6/2013					

Photo 1 of 1 : UCIP_6417.jpg



View of waterward slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	0.51	Rating **	M	Issue No.	12
LM End	0.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608858 °	38.608858 °
				-121.466861 °	-121.466861 °
DWR ID	DWR_NA0001_02_s _ 2014_12				
Action/Comments					

Action/Comments

Inspector Comments: FS_ID:28585

EP_NO: N/A

Repair Type:

Crossing Status:

UCIP Comments: Multiple pumps visible on landward side however unable to confirm additional crossing only 1 crossing was confirmed at this location. Need to contact owner to determine status of crossing.
FIELD_STRUCT_DESC: 24-inch pipe sleeved through 30-inch CM pipe through the levee, 2.8 feet below the crown. Annular gap grouted. Flap gate on waterward end. Slide gate in concrete pipe riser at waterward toe. Pump on structure over concrete sump on landward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 216+00).
FS Date: 12/19/2013

Photo 1 of 1 : UCIP_6130.jpg



Overview of pumps located on landward side.

LM Start	0.51	Rating **	M	Issue No.	13
LM End	0.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID	DWR_NA0001_02_s _ 2014_13				
Action/Comments					

Action/Comments

Inspector Comments: FS_ID:29763

EP_NO: 6064

Repair Type:

Crossing Status:

UCIP Comments: Need to determine the status of crossing. Unable to confirm if crossing found in field corresponds to this entry.
FIELD_STRUCT_DESC: [Pump Station No. 153] 36-inch steel drainpipe through the levee, 5.2 feet below the crown. CM cutoff wall around pipe between center and waterward shoulder. Siphon breaker in concrete box on waterward slope. Second siphon breaker in concrete box on the landward side. Portion of pipe exposed on waterward slope. Concrete "U" headwall and flap gate on the water ward end. Rock revetment on waterward slope. (Permit No. 6064-1968)
FS Date: 12/19/2013

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	0.51	Rating **	M	Issue No.	14
LM End	0.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.608870 °	38.608870 °
				-121.466856 °	-121.466856 °
DWR ID	DWR_NA0001_02_s_2014_14				

No Photos

Action/Comments					
Inspector Comments: FS_ID:28584 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Multiple pumps visible on landward side however unable to confirm additional crossings. Only 1 crossing was found at this location. FIELD_STRUCT_DESC: 30-inch steel pipe sleeved through 36-inch CM pipe through the levee, 5.2 feet below the crown. Annular gap grouted. Siphon breaker in concrete box on the waterward slope. Pump on structure over concrete box on the landward side. Concrete U" headwall and flap gate on the waterward end C.M. cutoff wall. Pipe sleeved through under Permit No. 6064 (1968). FS Date: 12/19/2013					

LM Start	0.77	Rating **	A/W	Issue No.	7
LM End	0.77	Issue Type +	Ob	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.612234 °	38.612234 °
				-121.466633 °	-121.466633 °
DWR ID	DWR_NA0001_02_s_2012_7				

Action/Comments					
Pipe Inspector Comments: Manhole access to pipes on hinge point.					

Photo 1 of 1 : mkhashch_s_20140428_00056.jpg



View of the pipe access at the landside levee hinge.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	0.99	Rating **	M	Issue No.	15
LM End	0.99	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615697 °	38.615697 °
				-121.466952 °	-121.466952 °
DWR ID	DWR_NA0001_02_s_2014_15				
Action/Comments					
Inspector Comments: FS_ID:30054					
EP_NO: 2347					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing.					
FIELD_STRUCT_DESC: 6-inch gas line through the levee, 2.5 feet below the crown. For emergencies contact PG&E at 1-800-811-411. (Permit No. 2347-1957)					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6262.jpg



Overview of levee crown with utility gas markers on waterward side.

LM Start	0.99	Rating **	M	Issue No.	16
LM End	0.99	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615772 °	38.615772 °
				-121.466971 °	-121.466971 °
DWR ID	DWR_NA0001_02_s_2014_16				
Action/Comments					
Inspector Comments: FS_ID:28666					
EP_NO: 1949					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to contact owner to determine if pipe was left inside levee as part of abandonment process.					
FIELD_STRUCT_DESC: Abandoned 12-inch steel gas line through the levee, 3.0 feet below the crown. Pipe grout filled. Concrete cutoff wall around pipe under center of levee. (Permit No. 1450-1949) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 243+31). Pipe abandoned under Permit No. 17468 (2004).					
FS Date: 12/19/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	0.99	Rating **	M	Issue No.	17
LM End	0.99	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615760 °	38.615760 °
				-121.466950 °	-121.466950 °
DWR ID	DWR_NA0001_02_s _ 2014_17				
Action/Comments					
Inspector Comments: FS_ID:28664					
EP_NO: 2333					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing.					
FIELD_STRUCT_DESC: 12-inch gas line through the levee, 3.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 2333-1957)					
FS Date: 12/19/2013					

No Photos

LM Start	1.00	Rating **	M	Issue No.	18
LM End	1.00	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.615895 °	38.615895 °
				-121.466991 °	-121.466991 °
DWR ID	DWR_NA0001_02_s _ 2014_18				
Action/Comments					
Inspector Comments: FS_ID:28665					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to contact owner to determine status of crossing. Unable to confirm if indicators visible on levee crown and landward side correspond to this crossing.					
FIELD_STRUCT_DESC: 20-inch steel gas pipe through the levee, approximately 86.0 feet below the crown. For emergencies contact PG&E at 1-800-811-4111. (Permit No. 17468-2004)					
FS Date: 12/19/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.56	Rating **	A/W	Issue No.	8
LM End	1.56	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.623556 °	38.623556 °
				-121.468492 °	-121.468492 °
DWR ID	DWR_NA0001_02_s_2013_8				
Action/Comments					
Pipe					

Photo 1 of 1 : mkhashch_s_20140505_00944.jpg



View of the pipe from levee crown.

LM Start	1.95	Rating **	M	Issue No.	19
LM End	1.95	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.629129 °	38.629129 °
				-121.469556 °	-121.469556 °
DWR ID	DWR_NA0001_02_s_2014_19				
Action/Comments					
Inspector Comments: FS_ID:28667					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Only found concrete box located on landward side toe. Need to contact owner to determine if crossing goes through levee and to notify that concrete box is filled with debris.					
FIELD_STRUCT_DESC: 12-inch CM railroad drainpipe through the levee. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 302+00).					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6151.jpg



View of landward side. Depression visible at levee toe around concrete box.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	2.33	Rating **	A/W	Issue No.	150
LM End	2.33	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.634446 °	38.634446 °
				-121.470573 °	-121.470573 °
DWR ID	DWR_NA0001_02_s_2012_150				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Monitor erosion at this location. Also noted in USACE PI.					

Photo 1 of 2 : mkhashch_s_20140428_00058.jpg



11/16/2011 Depressions present on levee slope.

LM Start	2.33	Rating **	A/W	Issue No.	150 (cont)
LM End	2.33	Issue Type +	Ob	Location *	LS

Photo 2 of 2 : mkhashch_s_20140428_00059.jpg



03/14/2012 Photo shows depression, the issue has not gotten any worse since the fall 2011 inspection.

LM Start	2.52	Rating **	M	Issue No.	11
LM End	2.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.637177 °	38.637177 °
				-121.471076 °	-121.471076 °
DWR ID	DWR_NA0001_02_f_2013_11				
Action/Comments					
Material					

Photo 1 of 1 : mkhashch_s_20140428_00057.jpg



View of the rails at the landside levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	2.79	Rating **	M	Issue No.	20
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.640988 °	38.640988 °
				-121.471797 °	-121.471797 °
DWR ID	DWR_NA0001_02_s _ 2014_20				

Photo 1 of 1 : UCIP_6155.jpg



Action/Comments					
Inspector Comments: FS_ID:28724					
EP_NO: 9596					
Repair Type:					
Crossing Status:					
UCIP Comments: Dense vegetation on waterward side limits inspector's inspection. Recommend removing vegetation.					
FIELD_STRUCT_DESC: [Magpie Creek Diversion Plant] 1 of 3: 54-inch steel drainpipe through the levee, 3.0 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing on waterward shoulder. Concrete headwall and flap gate on waterward end. Trench on waterward side. Pumping plant on landward side. (Permit No. 9596-1975)					
FS Date: 12/20/2013					

Overview of levee crown.

LM Start	2.79	Rating **	M	Issue No.	21
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641016 °	38.641016 °
				-121.471805 °	-121.471805 °
DWR ID	DWR_NA0001_02_s_2014_21				

No Photos

Action/Comments					
Inspector Comments: FS_ID:28725					
EP_NO: 9596					
Repair Type:					
Crossing Status:					
UCIP Comments: Dense vegetation on waterward side limits inspector's inspection--recommend removing vegetation to clear waterward slope.					
FIELD_STRUCT_DESC: [Magpie Creek Diversion Plant] 2 of 3: 54-inch steel drainpipe through the levee, 3.0 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing on waterward shoulder. Concrete headwall and flap gate on waterward end. Trench on waterward side. Pumping plant on landward side. (Permit No. 9596-1975)					
FS Date: 12/20/2013					

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
WS : Water Side	N : Not Inspected/Rated	Ob : Design & System Obsolescence
CR : Crown	M : Minimally Acceptable	En : Enforcement
	C : Corrected	
	U : Unacceptable	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	2.79	Rating **	M	Issue No.	22
LM End	2.79	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.641041 °	38.641041 °
				-121.471809 °	-121.471809 °
DWR ID	DWR_NA0001_02_s _ 2014_22				
Action/Comments					
Inspector Comments: FS_ID:28726					
EP_NO: 9596					
Repair Type:					
Crossing Status:					
UCIP Comments: Signs of pipe removal are visible on waterward and landward side--gate missing on WS and pump missing on LS. Need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: [Magpie Creek Diversion Plant] 3 of 3: 54-inch steel drainpipe through the levee, 3.0 feet below the crown. Steel cutoff wall around pipe under center of levee. Siphon breaker in protective housing on waterward shoulder. Concrete headwall and flap gate on waterward end. Trench on waterward side. Pumping plant on landward side. (Permit No. 9596-1975)					
FS Date: 12/20/2013					

No Photos

LM Start	2.83	Rating **	M	Issue No.	24
LM End	3.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.641623 °	38.656787 °
				-121.471958 °	-121.474821 °
DWR ID	DWR_NA0001_02_s _ 2014_24				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : mkhashch_s_20140505_00943.jpg



View of tall vegetation on waterside levee slope.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Natomas E Canal	Left	3.95	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	2.87	Rating **	M	Issue No.	23
LM End	2.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.642162 °	38.642162 °
				-121.472041 °	-121.472041 °
DWR ID	DWR_NA0001_02_s_2014_23				
Action/Comments					
Inspector Comments: FS_ID:30060					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Hole visible just above the concrete box located on landward side--unable to determine if hole is associated with pipe failure or burrow activity. Need to contact owner to determine status and details of crossing's alignment.					
FIELD_STRUCT_DESC: 12-inch CM railroad drainpipe through the levee. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 340+00).					
FS Date: 12/20/2013					

No Photos

LM Start	2.93	Rating **	A/W	Issue No.	6
LM End	2.93	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.642950 °	38.642950 °
				-121.472166 °	-121.472166 °
DWR ID	DWR_NA0001_02_f_2012_6				
Action/Comments					
Repair slope instability.					
Inspector Comments: Monitor this location.					

Photo 1 of 1 : mkhashch_s_20140505_00942.jpg



View of landside slope instability.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 03 American River			Right	2.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/29/2014 - 04/29/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Richard Marck ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	0.74	Rating **	N	Issue No.	11
LM End	0.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.589359 °	38.589359 °
				-121.430990 °	-121.430990 °
DWR ID	DWR_NA0001_03_s _ 2012_11				
Action/Comments					
Tree stumps.					
Inspector Comments: Tree stump >2" Dia.					

Photo 1 of 1 : mkhashch_s_20140428_00067.jpg



Tree stump on levee slope greater than 2" Dia.

LM Start	1.53	Rating **	M	Issue No.	6
LM End	1.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593054 °	38.593054 °
				-121.444155 °	-121.444155 °
DWR ID	DWR_NA0001_03_s _ 2014_6				
Action/Comments					
Inspector Comments: FS_ID:28789					
EP_NO: 5776					
Repair Type:					
Crossing Status:					
UCIP Comments: Hole present next to concrete vault on levee crown (waterward side). Hole could be sink hole or burrow activity unable to determine. Need to contact owner to determine status of crossing and to investigate hole.					
FIELD_STRUCT_DESC: [Drainage Plant No. 2] 5 of 8: 18-inch steel drainpipe through the levee. Metal cutoff wall around pipe under landward shoulder. Siphon breakers in concrete box on the waterward shoulder. Pumping plant at landward toe. Access ramp to pumping plant. Concrete discharge box on the waterward side. Flap gate on the waterward end. Outfall channel on waterward side. (Permit No. 5776-1972)					
FS Date: 12/3/2013					

Photo 1 of 1 : UCIP_6175.jpg



View of landward side.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.53	Rating **	M	Issue No.	15
LM End	1.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593224 °	38.593224 °
				-121.444299 °	-121.444299 °
DWR ID	DWR_NA0001_03_s _ 2014_15				
Action/Comments					
Inspector Comments: FS_ID:31227					
EP_NO: 2805					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings.					
FIELD_STRUCT_DESC: [Arden Treatment Plant] 1 of 4: 18-inch concrete sewer main through the levee. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing on waterward shoulder. Treatment plant on landward side. (Permit No. 2805-1961)					
FS Date: 12/3/2013					

Photo 1 of 1 : UCIP_6353.jpg



View of landward side.

LM Start	1.53	Rating **	M	Issue No.	16
LM End	1.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593224 °	38.593224 °
				-121.444299 °	-121.444299 °
DWR ID	DWR_NA0001_03_s _ 2014_16				
Action/Comments					
Inspector Comments: FS_ID:31223					
EP_NO: 2805					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings.					
FIELD_STRUCT_DESC: [Arden Treatment Plant] 2 of 4: 8-inch iron sewer main through the levee, 2.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterward shoulder. Treatment plant on landward side. (Permit No. 6216-1969)					
FS Date: 12/3/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.53	Rating **	M	Issue No.	17
LM End	1.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593290 °	38.593290 °
				-121.443980 °	-121.443980 °
DWR ID	DWR_NA0001_03_s_2014_17				
Action/Comments					
Inspector Comments: FS_ID:31224					
EP_NO: 2805					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate iwth owner to determine active crossings.					
FIELD_STRUCT_DESC: [Arden Treatment Plant] 3 of 4: 34-inch concrete encased sewer pipe through the levee, 7.5 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterward shoulder. Treatment plant on landward side.					
FS Date: 12/3/2013					

No Photos

LM Start	1.53	Rating **	M	Issue No.	18
LM End	1.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.593290 °	38.593290 °
				-121.443980 °	-121.443980 °
DWR ID	DWR_NA0001_03_s_2014_18				
Action/Comments					
Inspector Comments: FS_ID:31225					
EP_NO: 2805					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm what crossings are going through levee. Will need to coordinate with owner to determine active crossings.					
FIELD_STRUCT_DESC: [Arden Treatment Plant] 4 of 4: 34-inch concrete encased sewer pipe through the levee, 6.2 feet below the crown. Concrete cutoff wall around pipe under center of levee. Siphon breaker in housing at waterward shoulder. Treatment plant on landward side.					
FS Date: 12/3/2013					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.80	Rating **	M	Issue No.	9
LM End	1.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.595700 °	38.595700 °
				-121.448198 °	-121.448198 °
DWR ID	DWR_NA0001_03_s _ 2012_9				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : mkhashch_s_20140428_00066.jpg



View of the erosion on landside levee slope due to pedestrian traffic.

LM Start	1.90	Rating **	M	Issue No.	19
LM End	1.90	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596096 °	38.596096 °
				-121.449815 °	-121.449815 °
DWR ID	DWR_NA0001_03_s _ 2014_19				
Action/Comments					
Inspector Comments: FS_ID:31230					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: No permit found--need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: Gas line through levee at unknown depth.					
Markers visible on waterward and landward side. Kinder Morgan line contact infor 916-363-1666.					
FS Date: 12/6/2013					

Photo 1 of 1 : UCIP_6360.jpg



Markers visible on waterward and landward shoulders.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.90	Rating **	M	Issue No.	20
LM End	1.90	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596108 °	38.596108 °
				-121.449887 °	-121.449887 °
DWR ID	DWR_NA0001_03_s_2014_20				
Action/Comments					
Inspector Comments: FS_ID:29826					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work.					
FIELD_STRUCT_DESC: Communications conduit through the levee.					
FS Date: 12/6/2013					

Photo 1 of 1 : UCIP_6237.jpg



Several markers visible on waterward side.

LM Start	1.90	Rating **	M	Issue No.	21
LM End	1.90	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.596108 °	38.596108 °
				-121.449887 °	-121.449887 °
DWR ID	DWR_NA0001_03_s_2014_21				
Action/Comments					
Inspector Comments: FS_ID:29827					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm the diameter size or which owner is responsible for crossing. Owner could be Quest Communication or MCI--Need to contact owner to confirm crossing and obtain encroachment permit for work.					
FIELD_STRUCT_DESC: 3-inch cable through the levee, 2.5 feet below the crown. Two overhead telephone lines across the levee at location.					
FS Date: 12/6/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	2.31	Rating **	U	Issue No.	23
LM End	3.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.595956 °	38.598500 °
				-121.457509 °	-121.469862 °
DWR ID	DWR_NA0001_03_s_2014_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: LMA indicates that vegetation maintenance for this section is under USACE responsibility until completion of project.					

Photo 1 of 1 : mkhashch_s_20140508_00958.jpg



View of tall vegetation on waterside levee slope.

LM Start	2.60	Rating **	A/W	Issue No.	7
LM End	2.60	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.594550 °	38.594550 °
				-121.462505 °	-121.462505 °
DWR ID	DWR_NA0001_03_s_2012_7				
Action/Comments					
Pipe					
Inspector Comments: Access on landside crown					

No Photos

LM Start	3.14	Rating **	M	Issue No.	1
LM End	3.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.599141 °	38.599141 °
				-121.470227 °	-121.470227 °
DWR ID	DWR_NA0001_03_f_2013_1				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : mkhashch_s_20140428_00065.jpg



View of the rodent holes on the landside levee slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 American River	Right	2.78	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	3.25	Rating **	M	Issue No.	22
LM End	3.25	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.600718 °	38.600718 °
				-121.471491 °	-121.471491 °
DWR ID	DWR_NA0001_03_s _ 2014_22				
Action/Comments					
Inspector Comments: FS_ID:28988					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to contact owner to determine status of crossing. Markers missing.					
FIELD_STRUCT_DESC: 12-inch gas line through the levee. Provide a field description of this crossing.					
FS Date: 12/3/2013					

Photo 1 of 1 : UCIP_6179.jpg



View of waterward side slope and USA paint markings indicating alignment.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 04 American River			Left	10.97
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/30/2014 - 05/01/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Richard Marck ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	0.06	Rating **	M	Issue No.	10
LM End	0.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.597198 °	38.597198 °
				-121.506532 °	-121.506532 °
DWR ID	DWR_NA0001_04_s_2014_10				
Action/Comments					
Inspector Comments: FS_ID:29003					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Metal boxes located on landward side could be associated with utility -- unable to confirm. Will need to contact owner.					
FIELD_STRUCT_DESC: Electrical conduit through the levee.					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6189.jpg



View of control panels located on landward side.

LM Start	0.21	Rating **	M	Issue No.	50
LM End	0.21	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.598982 °	38.598982 °
				-121.505045 °	-121.505045 °
DWR ID	DWR_NA0001_04_s_2014_50				
Action/Comments					
Inspector Comments: FS_ID:29006					
EP_NO: 17171					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to find any indications that crossing is still active. Will need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 48-inch steel water line through the levee, approximately 32.0 feet below the crown. Siphon and blowoff valves in concrete riser on the landward side. (Permit No. 17171-2001)					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6190.jpg



Approximate alignment provided by the City of Sacramento--crossing not found during field visit.

* Location		** Rating		+ Issue Type	
LS : Land Side		A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	0.23	Rating **	M	Issue No.	177
LM End	0.23	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.598980 °	38.598980 °
				-121.504773 °	-121.504773 °
DWR ID	DWR_NA0001_04_s _ 2012_177				
Action/Comments					
Landscaping					
Inspector Comments: Landscaping on levee crown at overpass.					

Photo 1 of 1 : mkhashch_s_20140509_00977.jpg



View of the landscaping on the levee crown.

LM Start	0.32	Rating **	M	Issue No.	1
LM End	0.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.599835 °	38.600769 °
				-121.503448 °	-121.501133 °
DWR ID	DWR_NA0001_04_s _ 2012_1				
Action/Comments					
Landscaping					
Inspector Comments: Vines and privacy fence within 10-ft of the landside toe or on the levee slope obstruct visibility and access.					

Photo 1 of 1 : mkhashch_s_20140428_00073.jpg



View of the vines obstructing visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	0.41	Rating **	M	Issue No.	126
LM End	0.41	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.600436 °	38.600436 °
				-121.502058 °	-121.502058 °
DWR ID	DWR_NA0001_04_s_2014_126				
Action/Comments					
Inspector Comments: FS_ID:31249					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Non-functional crossing--need additional information about how crossing was abandoned.					
FIELD_STRUCT_DESC: Abandoned 42-inch CM pipe through the levee, 16.5 feet below the crown. Gravel filled with both ends welded shut. Flap gate on the waterward end. Slide gate in CM riser and splash board drain structure on the landward side. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 10+00).					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6364.jpg



View of waterward side--standpipe located on waterward slope.
Standpipe filled with concrete.

LM Start	0.61	Rating **	N	Issue No.	212
LM End	0.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.601380 °	38.601380 °
				-121.498533 °	-121.498533 °
DWR ID	DWR_NA0001_04_f_2013_212				
Action/Comments					
Tree stumps.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	0.85	Rating **	M	Issue No.	67
LM End	0.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.601688 °	38.601688 °
				-121.494286 °	-121.494286 °
DWR ID	DWR_NA0001_04_s_2013_67				
Action/Comments					
Ramp					
Inspector Comments: Old bicycle ramp has not been properly removed and graded.					

Photo 1 of 1 : mkhashch_s_20140428_00126.jpg



View of improperly graded bicycle ramp.

LM Start	0.94	Rating **	A/W	Issue No.	244
LM End	0.94	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.601642 °	38.601642 °
				-121.492620 °	-121.492620 °
DWR ID	DWR_NA0001_04_s_2012_244				
Action/Comments					
Pipe Inspector Comments: Printing shop discharge.					

Photo 1 of 1 : mkhashch_s_20140428_00263.jpg



Discharge pipe from printing shop into American River.

LM Start	1.62	Rating **	M	Issue No.	7
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.599095 °	38.598791 °
				-121.480337 °	-121.479799 °
DWR ID					
Action/Comments					
Inspector Comments: 2012 - Located just downstream of older repair. Failing rock at the upstream end. Erosion of the bank has exposed large tree roots. 2013: No observed changes. [2013 Site ID: LAR_1-8_L]					

Photo 1 of 1 : USACE2013A_LAR_1-8_L_2.jpg



USACE 2013 Photo #1

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	1.73	Rating **	M	Issue No.	182
LM End	1.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.598088 °	38.598088 °
				-121.479150 °	-121.479150 °
DWR ID	DWR_NA0001_04_f_2012_182				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	1.91	Rating **	M	Issue No.	139
LM End	1.91	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.595911 °	38.595911 °
				-121.477485 °	-121.477485 °
DWR ID	DWR_NA0001_04_s_2014_139				
Action/Comments					
Inspector Comments: FS_ID:29027					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: No markers or labels visible to indicate line is gas					
line--unable to confirm.					
FIELD_STRUCT_DESC: 1 of 2: 20-inch gas main through the levee,					
5.0 feet below the crown.					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6191.jpg



View of line exposed at the bridge.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	2.27	Rating **	M	Issue No.	174
LM End	2.27	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591923 °	38.591923 °
				-121.473744 °	-121.473744 °
DWR ID	DWR_NA0001_04_s _ 2014_174				
Action/Comments					
Inspector Comments: FS_ID:29927					
EP_NO: 14150					
Repair Type:					
Crossing Status:					
UCIP Comments: unable to confirm if crossing is 4-inch steel conduit-- will need to coordinate with owner.					
FIELD_STRUCT_DESC: 4-inch steel pipe conduit containing fiber optic cables through the levee, 3.5 feet below the crown. Markers on the levee shoulder. Rock revetment on the waterward slope. (Permit No. 14150-1986)					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6247.jpg



Marker for buried fiber optic cable on waterward side.

LM Start	2.50	Rating **	M	Issue No.	184
LM End	2.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.589590 °	38.589590 °
				-121.470524 °	-121.470524 °
DWR ID	DWR_NA0001_04_s _ 2012_184				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : mkhashch_s_20140428_00235.jpg



04/14/2011 Elderberry bush prevents visibility of levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	2.68	Rating **	U	Issue No.	2
LM End	2.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.588913 °	38.588913 °
				-121.467210 °	-121.467210 °
DWR ID	DWR_NA0001_04_s _ 2012_2				
Action/Comments					
Building					
Inspector Comments: Bell Marine					

Photo 1 of 1 : mkhashch_s_20140428_00074.jpg



03/16/2012 Structure on Bell Marine property.

LM Start	2.73	Rating **	M	Issue No.	213
LM End	2.73	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587906 °	38.587906 °
				-121.466689 °	-121.466689 °
DWR ID	DWR_NA0001_04_s _ 2014_213				
Action/Comments					
Inspector Comments: FS_ID:29944					
EP_NO: 3362					
Repair Type:					
Crossing Status:					
UCIP Comments: Pipe sections abandoned on levee crown--need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 12-inch steel (not 14-inch CM as specified in desk study) water return pipe through the levee, 1.5 feet below the crown. Metal cutoff wall around pipe at center of levee. Concrete sump on landward end. Discharge trough and flap gate on the waterward slope. (Permit No. 3362A-1964)					
FS Date: 12/19/2013					

Photo 1 of 1 : UCIP_6250.jpg



View of structure located on levee crown.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	2.73	Rating **	M	Issue No.	3
LM End	2.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587939 °	38.587299 °
				-121.466635 °	-121.464320 °
DWR ID	DWR_NA0001_04_s _ 2012_3				
Action/Comments					
Equipment					
Inspector Comments: Bell Marine, LMA sent a letter to property owner for the violation.					

Photo 1 of 1 : mkhashch_s_20140428_00075.jpg



View of the debris obstructing visibility and access.

LM Start	2.75	Rating **	M	Issue No.	247
LM End	2.75	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.587778 °	38.587778 °
				-121.466313 °	-121.466313 °
DWR ID	DWR_NA0001_04_s _ 2012_247				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	2.78	Rating **	M	Issue No.	214
LM End	2.78	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587629 °	38.587629 °
				-121.465905 °	-121.465905 °
DWR ID	DWR_NA0001_04_s_2014_214				
Action/Comments					
Inspector Comments: FS_ID:31444					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: No permit (unauthorized crossing)--need additional information about crossing.					
FIELD_STRUCT_DESC: Standpipe located on waterward shoulder.					
Unable to confirm pipe alignment. No permit found.					
FS Date: 12/19/2013					

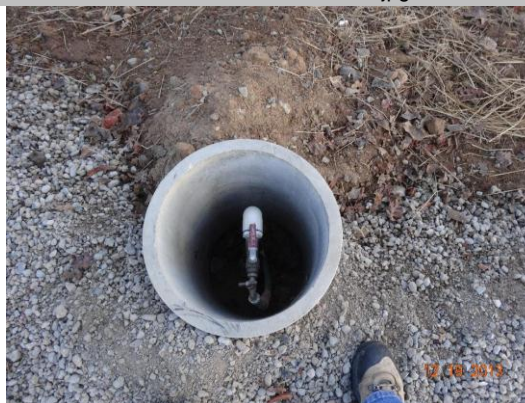
Photo 1 of 1 : UCIP_6421.jpg



Standpipe located on waterward shoulder.

LM Start	2.83	Rating **	M	Issue No.	215
LM End	2.83	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587438 °	38.587438 °
				-121.464989 °	-121.464989 °
DWR ID	DWR_NA0001_04_s_2014_215				
Action/Comments					
Inspector Comments: FS_ID:31445					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: No permit found (unauthorized?)--need additional information about crossing.					
FIELD_STRUCT_DESC: Standpipe located on waterward shoulder.					
Pipe crosses levee crown and landward side. Pipe used for irrigation.					
No Permit found.					
FS Date: 12/13/2013					

Photo 1 of 1 : UCIP_6422.jpg



Spigot located inside riser located on waterward shoulder.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	2.83	Rating **	M	Issue No.	216
LM End	2.83	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587383 °	38.587383 °
				-121.464951 °	-121.464951 °
DWR ID	DWR NA0001 04 s 2014 216				

Action/Comments

Inspector Comments: FS_ID:31253

EP_NO: 5890

Repair Type:

Crossing Status:

UCIP Comments: Need to contact owner to determine status of crossing--approximate alignment indicates pipe does not cross levee however records shows drain pipe crosses levee.

FIELD_STRUCT_DESC: 8-inch CM drainpipe through the levee, 2.1 feet below the crown. Concrete drop inlet structure at waterward shoulder. Maintenance facilities and yard on the landward side. Rock revetment on waterward slope. (Pemit No. 5890-1968) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 156+75).

FS Date: 12/19/2013

Photo 1 of 1 : UCIP_6367.jpg



Approximate alignment indicated in blue and approximate location indicated by DWR-UCIP in green label.

LM Start	2.84	Rating **	M	Issue No.	4
LM End	2.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587272 °	38.587272 °
				-121.464768 °	-121.464768 °
DWR ID	DWR NA0001 04 s 2012 4				

Action/Comments

Debris

Inspector Comments: Bell Marine, LMA sent a letter to the property owner for this violation.

Photo 1 of 1 : mkhashch_s_20140428_00076.jpg



View of the debris stored in floodway.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	2.86	Rating **	M	Issue No.	248
LM End	2.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.587293 °	38.587293 °
				-121.464338 °	-121.464338 °
DWR ID	DWR_NA0001_04_s _ 2012_248				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	2.92	Rating **	U	Issue No.	5
LM End	2.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587251 °	38.587318 °
				-121.463237 °	-121.462513 °
DWR ID	DWR_NA0001_04_s _ 2012_5				
Action/Comments					
Building Inspector Comments: City of Sacramento building. Building is now Sutter's Landing Skate Park.					

Photo 1 of 1 : mkhashch_s_20140428_00077.jpg



03/16/2012 Sutter's Landing Skate Park.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	3.19	Rating **	M	Issue No.	217
LM End	3.19	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588601 °	38.588601 °
				-121.458503 °	-121.458503 °
DWR ID	DWR NA0001 04 s 2014 217				

Action/Comments

Inspector Comments: FS_ID:31254

EP_NO: 15041

Repair Type:

Crossing Status:

UCIP Comments: Hole present on riser located on landward side--contact owner. Additional pipe found in waterward berm. Unable to confirm if this pipe section is part of crossing--size does not match. Unable to find CM standpipe on waterward side.

FIELD_STRUCT_DESC: 16-inch CM drainpipe through the levee. Steel cutoff wall around pipe at center of levee. Storm drain gate on landward shoulder. Drainage ditch on landward side. CM standpipe on waterward side. Rock-filled ditch on waterward side. (Permit No. 15041-1993)

FS Date: 12/13/2013

Photo 1 of 1 : UCIP_6371.jpg



Riser located on landward side.

LM Start	3.61	Rating **	M	Issue No.	218
LM End	3.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589033 °	38.589033 °
				-121.451145 °	-121.451145 °
DWR ID	DWR NA0001 04 s 2014 218				

Action/Comments

Inspector Comments: FS_ID:30725

EP_NO: N/A

Repair Type:

Crossing Status:

UCIP Comments: No permit found. Will need to contact owner to determine the status of crossing.

FIELD_STRUCT_DESC: Petroleum pipeline through the levee, unknown depth. Markers visible on waterward side. Unable to confirm alignment. Owner contact information for Kinder Morgan is 916-363-1666.

FS Date: 12/13/2013

Photo 1 of 1 : UCIP_6307.jpg



View of markers visible on landward side.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	3.73	Rating **	A/W	Issue No.	250
LM End	3.73	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.587723 °	38.587723 °
				-121.449595 °	-121.449595 °
DWR ID	DWR_NA0001_04_s _ 2012_250				
Action/Comments					
Pipe					

No Photos

LM Start	3.73	Rating **	M	Issue No.	219
LM End	3.73	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587724 °	38.587724 °
				-121.449554 °	-121.449554 °
DWR ID	DWR_NA0001_04_s _ 2014_219				
Action/Comments					
Inspector Comments: FS_ID:31255					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Control box is non-functional parts have been removed. Unable to confirm diameter size and status--City of Sacramento incidates a 24 inch sewer main not 18 inch. Need to contact owner to confirm size.					
FIELD_STRUCT_DESC: 18-inch sewer main through the levee.					
Concrete manhole on the waterward slope.					
FS Date: 12/13/2013					

Photo 1 of 1 : UCIP_6374.jpg



View of waterward side.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	3.86	Rating **	M	Issue No.	220
LM End	3.86	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586496 °	38.586496 °
				-121.447631 °	-121.447631 °
DWR ID	DWR_NA0001_04_s _ 2014_220				
Action/Comments					
Inspector Comments: FS_ID:29954					
EP_NO: 2805					
Repair Type:					
Crossing Status:					
UCIP Comments: bad odor (sewage smell) coming from this area -- potential leak. Unable to confirm if riser on landward side is part of crossing.					
FIELD_STRUCT_DESC: 18-inch concrete sewer main through the levee, 9.0 feet below the crown. Concrete cutoff wall around pipe under waterward shoulder. Siphon breaker on landward slope. Sewage pumping plant on landward side. Rock revetment on waterward slope. (Permit No. 2805-1961)					
FS Date: 12/13/2013					

Photo 1 of 1 : UCIP_6253.jpg



Sewer line along fence line on landward side--riser near back fence.

LM Start	3.87	Rating **	M	Issue No.	221
LM End	3.87	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586479 °	38.586479 °
				-121.447574 °	-121.447574 °
DWR ID	DWR_NA0001_04_s _ 2014_221				
Action/Comments					
Inspector Comments: FS_ID:29054					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unknown owner--Need to coordinate with DWR Inspector and CVFPB.					
FIELD_STRUCT_DESC: 3-inch PVC conduit through levee, 2.0 feet below the crown.					
FS Date: 12/13/2013					

Photo 1 of 1 : UCIP_6195.jpg



Control box located on landward toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	3.88	Rating **	U	Issue No.	8
LM End	3.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.586327 °	38.586327 °
				-121.447373 °	-121.447373 °
DWR ID	DWR_NA0001_04_s _ 2012_8				
Action/Comments					
Fence					
Inspector Comments: Bamboo privacy fence within 10-ft of the landside toe obstructs visibility.					

Photo 1 of 2 : mkhashch_s_20140428_00082.jpg



Fall 2009 photo: Fence and landscaping within 10-ft of levee toe obstructs access and visibility.

LM Start	3.88	Rating **	U	Issue No.	8 (cont)
LM End	3.88	Issue Type +	En	Location *	LS

Photo 2 of 2 : mkhashch_s_20140428_00083.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	3.90	Rating **	U	Issue No.	6
LM End	3.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.586154 °	38.586154 °
				-121.447115 °	-121.447115 °
DWR ID	DWR_NA0001_04_s_2012_6				
Action/Comments					
Fence					

Photo 1 of 1 : mkhashch_s_20140428_00078.jpg



04/14/2011 Landscaping, which was a Fall inspection issue has been removed, however wooden fence is still obstructing access and visibility.

LM Start	3.91	Rating **	U	Issue No.	9
LM End	3.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.586047 °	38.586047 °
				-121.446975 °	-121.446975 °
DWR ID	DWR_NA0001_04_s_2012_9				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence on the levee slope obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00084.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

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+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	3.95	Rating **	U	Issue No.	11
LM End	3.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585639 °	38.585639 °
				-121.446451 °	-121.446451 °
DWR ID	DWR_NA0001_04_s _ 2012_11				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00085.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	3.96	Rating **	U	Issue No.	12
LM End	3.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585496 °	38.585496 °
				-121.446309 °	-121.446309 °
DWR ID	DWR_NA0001_04_s _ 2012_12				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00086.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

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A/W : Acceptable but Monitor & Maintain

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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	3.97	Rating **	U	Issue No.	112
LM End	3.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.585385 °	38.585385 °
				-121.446168 °	-121.446168 °
DWR ID	DWR_NA0001_04_s _ 2012_112				
Action/Comments					
Landscaping					
Inspector Comments: Landscaping completely blocks visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00168.jpg



03/16/2012 Landscape obstructs visibility and access.

LM Start	3.98	Rating **	U	Issue No.	13
LM End	3.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585325 °	38.585325 °
				-121.446059 °	-121.446059 °
DWR ID	DWR_NA0001_04_s _ 2012_13				
Action/Comments					
Fence					
Inspector Comments: Pink cement block fence obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00087.jpg



03/16/2012 Concrete wall obstructs access and visibility.

LM Start	4.00	Rating **	U	Issue No.	14
LM End	4.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585175 °	38.585175 °
				-121.445883 °	-121.445883 °
DWR ID	DWR_NA0001_04_s _ 2012_14				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and helix pencil shrubs planted within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00088.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.01	Rating **	U	Issue No.	15
LM End	4.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.585021 °	38.585021 °
				-121.445678 °	-121.445678 °
DWR ID	DWR_NA0001_04_s _ 2012_15				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and evergreen shrub landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00089.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.02	Rating **	U	Issue No.	16
LM End	4.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584885 °	38.584885 °
				-121.445520 °	-121.445520 °
DWR ID	DWR_NA0001_04_s _ 2012_16				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00090.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.03	Rating **	U	Issue No.	17
LM End	4.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584810 °	38.584810 °
				-121.445403 °	-121.445403 °
DWR ID	DWR_NA0001_04_s _ 2012_17				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and maple tree landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00091.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.04	Rating **	U	Issue No.	18
LM End	4.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584694 °	38.584694 °
				-121.445255 °	-121.445255 °
DWR ID	DWR_NA0001_04_s _ 2012_18				
Action/Comments					
Fence Inspector Comments: Wooden fence between orange trees is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00092.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
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WS : Water Side
CR : Crown

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A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.07	Rating **	U	Issue No.	19
LM End	4.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584459 °	38.584459 °
				-121.444951 °	-121.444951 °
DWR ID	DWR_NA0001_04_s _ 2012_19				
Action/Comments					
Fence Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00093.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.08	Rating **	M	Issue No.	186
LM End	4.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.584354 °	38.584354 °
				-121.444792 °	-121.444792 °
DWR ID	DWR_NA0001_04_s _ 2012_186				
Action/Comments					
Landscaping Inspector Comments: Landscaping on cyclone fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00237.jpg



Fall 2009 photo: Landscaping within 10-ft of levee toe obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.09	Rating **	U	Issue No.	20
LM End	4.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584243 °	38.584243 °
				-121.444647 °	-121.444647 °
DWR ID	DWR_NA0001_04_s _ 2012_20				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and shed within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00094.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.10	Rating **	U	Issue No.	21
LM End	4.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.584129 °	38.584129 °
				-121.444485 °	-121.444485 °
DWR ID	DWR_NA0001_04_s _ 2012_21				
Action/Comments					
Landscaping Inspector Comments: Palms and other landscaping on levee slope, as well as the wooden privacy fence within 10-ft of the levee toe obstruct access and visibility. 04/14/2011 Palms have been removed.					

Photo 1 of 1 : mkhashch_s_20140428_00095.jpg



04/14/2011 Palms have been removed.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.11	Rating **	U	Issue No.	22
LM End	4.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.584034 °	38.584034 °
				-121.444322 °	-121.444322 °
DWR ID	DWR_NA0001_04_s _ 2012_22				
Action/Comments					
Fence					
Inspector Comments: Cement block and wooden fence as well as the landscape planting are within 10-ft of the levee slope and obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00096.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.12	Rating **	U	Issue No.	23
LM End	4.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583935 °	38.583935 °
				-121.444150 °	-121.444150 °
DWR ID	DWR_NA0001_04_s _ 2012_23				
Action/Comments					
Fence					
Inspector Comments: Cement block and wooden fence obstruct visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00097.jpg



03/16/2012 Wooden fence on cement wall obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.13	Rating **	M	Issue No.	187
LM End	4.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583858 °	38.583858 °
				-121.443981 °	-121.443981 °
DWR ID	DWR_NA0001_04_s _ 2012_187				
Action/Comments					
Landscaping Inspector Comments: Orange, guava and other trees and landscaping obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00238.jpg



View of the obstructing vegetation at levee toe.

LM Start	4.15	Rating **	M	Issue No.	188
LM End	4.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583749 °	38.583749 °
				-121.443820 °	-121.443820 °
DWR ID	DWR_NA0001_04_s _ 2012_188				
Action/Comments					
Fence Inspector Comments: Cement block fence with iron top built into levee slope. Landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

LM Start	4.16	Rating **	M	Issue No.	189
LM End	4.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583652 °	38.583652 °
				-121.443640 °	-121.443640 °
DWR ID	DWR_NA0001_04_s _ 2012_189				
Action/Comments					
Landscaping Inspector Comments: Retaining wall is built into the levee slope. Steps, rail and landscaping on the levee slope.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.17	Rating **	U	Issue No.	190
LM End	4.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583559 °	38.583559 °
				-121.443485 °	-121.443485 °
DWR ID	DWR_NA0001_04_s _ 2012_190				
Action/Comments					
Landscaping Inspector Comments: Planter boxes built into levee slope. Wooden fence obstructs visibility. Pool is just outside 10-ft from levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00239.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.19	Rating **	U	Issue No.	191
LM End	4.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583355 °	38.583355 °
				-121.443123 °	-121.443123 °
DWR ID	DWR_NA0001_04_s _ 2012_191				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00240.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.21	Rating **	U	Issue No.	24
LM End	4.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.583265 °	38.583265 °
				-121.442965 °	-121.442965 °
DWR ID	DWR_NA0001_04_s_2012_24				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence obstructs visibility.					
Retaining wall built into levee toe. 04/14/2011 retaining wall removed.					

Photo 1 of 1 : mkhashch_s_20140428_00098.jpg



04/14/2011 Retaining wall has been removed. Wooden fence remains and is obstructing access and visibility.

LM Start	4.23	Rating **	U	Issue No.	192
LM End	4.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.583031 °	38.583031 °
				-121.442620 °	-121.442620 °
DWR ID	DWR_NA0001_04_s_2012_192				
Action/Comments					
Landscaping Inspector Comments: Ivy and vine growth on cyclone fence obstruct visibility. Steps and landscaping built up levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00241.jpg



03/16/2012 Landscaping on fence obstructs visibility and access.

LM Start	4.25	Rating **	M	Issue No.	193
LM End	4.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.582824 °	38.582824 °
				-121.442298 °	-121.442298 °
DWR ID	DWR_NA0001_04_s_2012_193				
Action/Comments					
Landscaping Inspector Comments: Landscaping on chain link fence partially obstructs visibility.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.27	Rating **	M	Issue No.	194
LM End	4.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582716 °	38.582716 °
				-121.442128 °	-121.442128 °
DWR ID	DWR_NA0001_04_s_2012_194				
Action/Comments					
Fence Inspector Comments: Planting boxes built into levee slope. 04/14/2011 Planter boxes removed. Chainlink fence partially obstructs access.					

Photo 1 of 1 : mkhashch_s_20140428_00242.jpg



04/14/2011 Planter boxes have been removed. Chainlink fence partially blocks access.

LM Start	4.29	Rating **	U	Issue No.	26
LM End	4.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582479 °	38.582479 °
				-121.441768 °	-121.441768 °
DWR ID	DWR_NA0001_04_s_2012_26				
Action/Comments					
Fence					
Inspector Comments: Wooden fence within 10-ft of the levee toe.					
Garden and ramp built on levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00100.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
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WS : Water Side
CR : Crown

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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.31	Rating **	M	Issue No.	195
LM End	4.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582333 °	38.582333 °
				-121.441506 °	-121.441506 °
DWR ID	DWR_NA0001_04_s _ 2012_195				
Action/Comments					
Fence					
Inspector Comments: Landscaping planted on levee slope. 04/14/2011					
Landscaping removed, chainlink fence remains.					

Photo 1 of 1 : mkhashch_s_20140428_00243.jpg



04/14/2011 Landscape removed, chainlink fence remains.

LM Start	4.33	Rating **	U	Issue No.	27
LM End	4.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582223 °	38.582223 °
				-121.441264 °	-121.441264 °
DWR ID	DWR_NA0001_04_s _ 2012_27				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence obstructs visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00101.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.33	Rating **	U	Issue No.	28
LM End	4.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582186 °	38.582186 °
				-121.441160 °	-121.441160 °
DWR ID	DWR_NA0001_04_s _ 2012_28				
Action/Comments					
Fence Inspector Comments: Cement block fence obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00102.jpg



03/16/2012 Cinder block wall obstructs visibility and access.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.35	Rating **	M	Issue No.	29
LM End	4.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.582083 °	38.582083 °
				-121.440875 °	-121.440875 °
DWR ID	DWR_NA0001_04_s _ 2012_29				
Action/Comments					
Fence					
Inspector Comments: Large flowering bush on levee slope - removed by ARFCD 2012. Retaining wall removed by ARFCD 2012. Wooden fence located at the levee toe obstructs access and visibility. 04/14/2011					

Photo 1 of 1 : mkhashch_s_20140428_00103.jpg



03/16/2012 Flowering bush is dormant, landscaping on levee slope and wooden privacy fence.

LM Start	4.37	Rating **	M	Issue No.	196
LM End	4.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581937 °	38.581937 °
				-121.440479 °	-121.440479 °
DWR ID	DWR_NA0001_04_s _ 2012_196				
Action/Comments					
Fence					
Inspector Comments: Picket fence on retaining wall within 10-ft of levee slope obstructs visibility.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.40	Rating **	U	Issue No.	198
LM End	4.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581788 °	38.581788 °
				-121.440086 °	-121.440086 °
DWR ID	DWR_NA0001_04_s _ 2012_198				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00244.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.41	Rating **	U	Issue No.	30
LM End	4.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581724 °	38.581724 °
				-121.439891 °	-121.439891 °
DWR ID	DWR_NA0001_04_s _ 2012_30				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00104.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.45	Rating **	U	Issue No.	31
LM End	4.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581495 °	38.581495 °
				-121.439129 °	-121.439129 °
DWR ID	DWR_NA0001_04_s _ 2012_31				
Action/Comments					
Fence					
Inspector Comments: Privacy fence within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00105.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.49	Rating **	M	Issue No.	33
LM End	4.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581359 °	38.581359 °
				-121.438524 °	-121.438524 °
DWR ID	DWR_NA0001_04_s _ 2012_33				
Action/Comments					
Landscaping Inspector Comments: Large photinia obstructs visibility.					

No Photos

LM Start	4.50	Rating **	M	Issue No.	253
LM End	4.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581320 °	38.581320 °
				-121.438263 °	-121.438263 °
DWR ID	DWR_NA0001_04_s _ 2012_253				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : mkhashch_s_20140428_00264.jpg



View of large elderberry bush obstructing visibility and access.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.51	Rating **	M	Issue No.	34
LM End	4.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.581282 °	38.581282 °
				-121.438169 °	-121.438169 °
DWR ID	DWR_NA0001_04_s _ 2012_34				
Action/Comments					
Landscaping					
Inspector Comments: Landscaping on levee slope obstructs visibility.					

No Photos

LM Start	4.52	Rating **	U	Issue No.	35
LM End	4.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581246 °	38.581246 °
				-121.438033 °	-121.438033 °
DWR ID	DWR_NA0001_04_s _ 2012_35				
Action/Comments					
Fence					
Inspector Comments: Wooden fence within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00106.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.53	Rating **	U	Issue No.	199
LM End	4.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581205 °	38.581205 °
				-121.437830 °	-121.437830 °
DWR ID	DWR_NA0001_04_s _ 2012_199				
Action/Comments					
Fence					
Inspector Comments: Wooden fence is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00245.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.54	Rating **	U	Issue No.	200
LM End	4.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581178 °	38.581178 °
				-121.437584 °	-121.437584 °
DWR ID	DWR_NA0001_04_s _ 2012_200				
Action/Comments					
Fence					
Inspector Comments: Privacy fence, persimmon tree and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00246.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.55	Rating **	U	Issue No.	201
LM End	4.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581155 °	38.581155 °
				-121.437320 °	-121.437320 °
DWR ID	DWR_NA0001_04_s _ 2012_201				
Action/Comments					
Fence					
Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00247.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.57	Rating **	M	Issue No.	36
LM End	4.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581153 °	38.581153 °
				-121.437079 °	-121.437079 °
DWR ID	DWR_NA0001_04_s_2012_36				
Action/Comments					
Fence Inspector Comments: Privacy fence near pump station limits access and visibility.					

No Photos

LM Start	4.60	Rating **	U	Issue No.	204
LM End	4.60	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581089 °	38.581089 °
				-121.436472 °	-121.436472 °
DWR ID	DWR_NA0001_04_f_2013_204				
Action/Comments					
Pipe Inspector Comments: Temporary pipes crossing the levee as part of USACE slurry wall project.					

Photo 1 of 1 : mkhashch_s_20140428_00250.jpg



View of the temporary pipes penetrating the landside levee slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

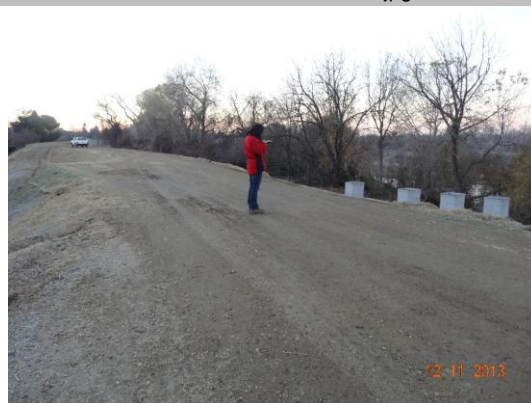
Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.61	Rating **	M	Issue No.	222
LM End	4.61	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581101 °	38.581101 °
				-121.436502 °	-121.436502 °
DWR ID	DWR_NA0001_04_s_2014_222				
Action/Comments					
Inspector Comments: FS_ID:31446					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: New construction--need permit and details on crossing.					
FIELD_STRUCT_DESC: 1 of 4: Concrete service box located on waterward shoulder. Landward side has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

Photo 1 of 1 : UCIP_6424.jpg



View of regraded levee crown with service boxes on waterward slope.

LM Start	4.61	Rating **	M	Issue No.	227
LM End	4.61	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581092 °	38.581092 °
				-121.436466 °	-121.436466 °
DWR ID	DWR_NA0001_04_s_2014_227				
Action/Comments					
Inspector Comments: FS_ID:31447					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee.					
FIELD_STRUCT_DESC: 2 of 4: Concrete service box located on waterward shoulder. Landward side has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.61	Rating **	M	Issue No.	228
LM End	4.61	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581087 °	38.581087 °
				-121.436449 °	-121.436449 °
DWR ID	DWR_NA0001_04_s _ 2014_228				
Action/Comments					
Inspector Comments: FS_ID:31448					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossings penetrate levee.					
FIELD_STRUCT_DESC: 3 of 4: Concrete service box located on waterward shoulder. Landward side has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

No Photos

LM Start	4.61	Rating **	M	Issue No.	229
LM End	4.61	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581082 °	38.581082 °
				-121.436431 °	-121.436431 °
DWR ID	DWR_NA0001_04_s _ 2014_229				
Action/Comments					
Inspector Comments: FS_ID:31449					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: New construction; no permit found; Need additional information about crossings to determine whether crossing penetrate levee.					
FIELD_STRUCT_DESC: 4 of 4: Concrete service box located on waterward shoulder. Landward side has been regraded. No permit was found for the work. Unable to verify if crossing crosses levee.					
FS Date: 12/13/2013					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.65	Rating **	M	Issue No.	37
LM End	4.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580944 °	38.580944 °
				-121.435651 °	-121.435651 °
DWR ID	DWR_NA0001_04_s _ 2012_37				
Action/Comments					
Landscaping Inspector Comments: Trees and vines on the levee toe obstruct visibility.					

No Photos

LM Start	4.67	Rating **	M	Issue No.	38
LM End	4.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580910 °	38.580910 °
				-121.435324 °	-121.435324 °
DWR ID	DWR_NA0001_04_s _ 2012_38				
Action/Comments					
Landscaping Inspector Comments: Landscape planting within 10-ft of the landside toe against 3-ft wooden slat fence.					

No Photos

LM Start	4.69	Rating **	M	Issue No.	39
LM End	4.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580840 °	38.580840 °
				-121.434901 °	-121.434901 °
DWR ID	DWR_NA0001_04_s _ 2012_39				
Action/Comments					
Landscaping Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.72	Rating **	M	Issue No.	739
LM End	4.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580778 °	38.580778 °
				-121.434467 °	-121.434467 °
DWR ID	DWR_NA0001_04_s _ 2012_739				
Action/Comments					
Debris					
Inspector Comments: PVC pipe and debris, also noted in USACE PI.					

Photo 1 of 2 : mkhashch_s_20140428_00265.jpg



11/15/2011 Debris on levee side of fence. This item was noted in the USACE PI.

LM Start	4.72	Rating **	M	Issue No.	739 (cont)
LM End	4.72	Issue Type +	En	Location *	LS

Photo 2 of 2 : mkhashch_s_20140428_00266.jpg



View of the previously noted debris stored in the upstream corner of the property. Note extensive burrowing in the backyard on the downstream (right) corner of the property.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.73	Rating **	U	Issue No.	40
LM End	4.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580759 °	38.580759 °
				-121.434294 °	-121.434294 °
DWR ID	DWR_NA0001_04_s _ 2012_40				
Action/Comments					
Fence					

Photo 1 of 1 : mkhashch_s_20140428_00107.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.74	Rating **	M	Issue No.	41
LM End	4.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580753 °	38.580753 °
				-121.434077 °	-121.434077 °
DWR ID	DWR_NA0001_04_s _ 2012_41				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

No Photos

LM Start	4.75	Rating **	U	Issue No.	42
LM End	4.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580741 °	38.580741 °
				-121.433899 °	-121.433899 °
DWR ID	DWR_NA0001_04_s _ 2012_42				
Action/Comments					
Fence					
Inspector Comments: Privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00108.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.77	Rating **	U	Issue No.	43
LM End	4.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580731 °	38.580731 °
				-121.433490 °	-121.433490 °
DWR ID	DWR_NA0001_04_s _ 2012_43				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and storage sheds within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00109.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	4.82	Rating **	U	Issue No.	205
LM End	4.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580723 °	38.580723 °
				-121.432577 °	-121.432577 °
DWR ID	DWR_NA0001_04_s _ 2012_205				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and landscape prunings on levee slope and toe.prunings removed. Fence obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00251.jpg



03/16/2012 Chainlink fence with privacy slats obstructs visibility and access.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.85	Rating **	M	Issue No.	44
LM End	4.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580747 °	38.580747 °
				-121.432039 °	-121.432039 °
DWR ID	DWR_NA0001_04_s _ 2012_44				
Action/Comments					
Landscaping					
Inspector Comments: Lemon tree and vines obstruct visibility.					

No Photos

LM Start	4.87	Rating **	U	Issue No.	206
LM End	4.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580778 °	38.580778 °
				-121.431704 °	-121.431704 °
DWR ID	DWR_NA0001_04_s _ 2012_206				
Action/Comments					
Landscaping					
Inspector Comments: Fig tree obstructs visibility and access.					

Photo 1 of 1 : mkhashch_s_20140428_00252.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	4.87	Rating **	U	Issue No.	96
LM End	4.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580767 °	38.580767 °
				-121.431684 °	-121.431684 °
DWR ID	DWR_NA0001_04_s _ 2012_96				
Action/Comments					
Building					
Inspector Comments: Wooden shed is located beneath the fig tree.					

Photo 1 of 1 : mkhashch_s_20140428_00152.jpg



3/16/2012 Structure is within 15' of levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	4.90	Rating **	M	Issue No.	207
LM End	4.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.580809 °	38.580809 °
				-121.431274 °	-121.431274 °
DWR ID	DWR_NA0001_04_s _ 2012_207				
Action/Comments					
Landscaping Inspector Comments: Garden activities obstruct visibility within 10-ft of the levee toe.					

No Photos

LM Start	4.93	Rating **	U	Issue No.	45
LM End	4.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580846 °	38.580846 °
				-121.430699 °	-121.430699 °
DWR ID	DWR_NA0001_04_s _ 2012_45				
Action/Comments					
Fence Inspector Comments: Wooden fence with bracing obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00110.jpg



Wooden fence and braces obstruct access and visibility.

LM Start	5.08	Rating **	U	Issue No.	46
LM End	5.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581001 °	38.581001 °
				-121.427854 °	-121.427854 °
DWR ID	DWR_NA0001_04_s _ 2012_46				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00111.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.13	Rating **	U	Issue No.	208
LM End	5.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580913 °	38.580913 °
				-121.427119 °	-121.427119 °
DWR ID	DWR_NA0001_04_s _ 2012_208				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00253.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.15	Rating **	M	Issue No.	47
LM End	5.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580773 °	38.580773 °
				-121.426691 °	-121.426691 °
DWR ID	DWR_NA0001_04_s _ 2012_47				
Action/Comments					
Fence					
Inspector Comments: Chain link fence, helix sky pencil, and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140509_00976.jpg



View of the fence and vegetation at the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.17	Rating **	U	Issue No.	48
LM End	5.17	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580622 °	38.580622 °
				-121.426372 °	-121.426372 °
DWR ID	DWR_NA0001_04_s _ 2012_48				
Action/Comments					
Fence Inspector Comments: Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00112.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.45	Rating **	U	Issue No.	49
LM End	5.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.577589 °	38.577589 °
				-121.423350 °	-121.423350 °
DWR ID	DWR_NA0001_04_s _ 2012_49				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00113.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.50	Rating **	M	Issue No.	209
LM End	5.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.576883 °	38.576883 °
				-121.423216 °	-121.423216 °
DWR ID	DWR_NA0001_04_s_2012_209				
Action/Comments					
Landscaping					
Inspector Comments: Oleanders within 10-ft of the levee toe obstruct access and visibility.					

No Photos

LM Start	5.57	Rating **	U	Issue No.	197
LM End	5.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.575887 °	38.575887 °
				-121.423113 °	-121.423113 °
DWR ID	DWR_NA0001_04_s_2013_197				
Action/Comments					
Stairway Inspector Comments: Unpermitted stairs to be removed by ARFCD.					

Photo 1 of 1 : mkhashch_s_20140509_00975.jpg



View of the stairs on the landside levee slope.

LM Start	5.61	Rating **	U	Issue No.	52
LM End	5.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575379 °	38.575379 °
				-121.423201 °	-121.423201 °
DWR ID	DWR_NA0001_04_s_2012_52				
Action/Comments					
Landscaping Inspector Comments: Helix sky pencil trees within 10-ft of the levee toe obstruct visibility and access.					

Photo 1 of 1 : mkhashch_s_20140428_00115.jpg



03/16/2012 Landscaping obstructs visibility and access.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.63	Rating **	U	Issue No.	53
LM End	5.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.575250 °	38.575250 °
				-121.423240 °	-121.423240 °
DWR ID	DWR_NA0001_04_s _ 2012_53				
Action/Comments					
Landscaping Inspector Comments: Wood privacy fence, helix sky pencil, vines and landscaping within 10-ft of the levee toe obstruct access and visibility. Cement stairs up levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00116.jpg



03/16/2012 Landscaping and fence obstruct visibility and access.

LM Start	5.64	Rating **	U	Issue No.	54
LM End	5.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.575093 °	38.575093 °
				-121.423263 °	-121.423263 °
DWR ID	DWR_NA0001_04_s _ 2012_54				
Action/Comments					
Fence Inspector Comments: Wood privacy fence and landscaping within 10-ft of the levee toe obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00117.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.66	Rating **	U	Issue No.	55
LM End	5.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.574837 °	38.574837 °
				-121.423297 °	-121.423297 °
DWR ID	DWR_NA0001_04_s _ 2012_55				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence within 10-ft of the levee toe obstructs visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00118.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.67	Rating **	U	Issue No.	56
LM End	5.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.574648 °	38.574648 °
				-121.423348 °	-121.423348 °
DWR ID	DWR_NA0001_04_s _ 2012_56				
Action/Comments					
Building Inspector Comments: Cement block building on levee slope obstructs access.					

Photo 1 of 1 : mkhashch_s_20140428_00119.jpg



03/16/2012 Structure within 15' of levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.72	Rating **	U	Issue No.	57
LM End	5.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.573927 °	38.573927 °
				-121.423480 °	-121.423480 °
DWR ID	DWR_NA0001_04_s _ 2012_57				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence with ivy obstructs visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00120.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.75	Rating **	M	Issue No.	58
LM End	5.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.573547 °	38.573547 °
				-121.423583 °	-121.423583 °
DWR ID	DWR_NA0001_04_s _ 2012_58				
Action/Comments					
Landscaping					
Inspector Comments: Garden built on levee slope.					

No Photos

LM Start	5.76	Rating **	U	Issue No.	59
LM End	5.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.573403 °	38.573403 °
				-121.423642 °	-121.423642 °
DWR ID	DWR_NA0001_04_s _ 2012_59				
Action/Comments					
Fence					
Inspector Comments: Brick fence and landscaping within 10-ft of the levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00121.jpg



03/16/2012 Fence and landscaping obstruct visibility and access.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.77	Rating **	M	Issue No.	60
LM End	5.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.573240 °	38.573240 °
				-121.423697 °	-121.423697 °
DWR ID	DWR_NA0001_04_s _ 2012_60				
Action/Comments					
Landscaping Inspector Comments: Fig, maple and other landscaping obstructs visibility.					

No Photos

LM Start	5.79	Rating **	U	Issue No.	61
LM End	5.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572918 °	38.572918 °
				-121.423760 °	-121.423760 °
DWR ID	DWR_NA0001_04_s _ 2012_61				
Action/Comments					
Landscaping					
Inspector Comments: Dense ivy and shrubs are within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00122.jpg



03/16/2012 Landscaping obstructs access and visibility.

LM Start	5.81	Rating **	M	Issue No.	62
LM End	5.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572748 °	38.572748 °
				-121.423818 °	-121.423818 °
DWR ID	DWR_NA0001_04_s _ 2012_62				
Action/Comments					
Landscaping Inspector Comments: Citrus tree and slope landscaping obstructs visibility.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.83	Rating **	U	Issue No.	63
LM End	5.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.572325 °	38.572325 °
				-121.423913 °	-121.423913 °
DWR ID	DWR_NA0001_04_s _ 2012_63				
Action/Comments					
Building Inspector Comments: Wood and fiberglass structure within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00123.jpg



03/16/2012 Wood and fiberglass structure is within 15' of levee toe.

LM Start	5.84	Rating **	M	Issue No.	64
LM End	5.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.572207 °	38.572207 °
				-121.423933 °	-121.423933 °
DWR ID	DWR_NA0001_04_s _ 2012_64				
Action/Comments					
Landscaping Inspector Comments: Dense shrubs on levee toe.					

No Photos

LM Start	5.85	Rating **	U	Issue No.	65
LM End	5.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.572067 °	38.572067 °
				-121.423970 °	-121.423970 °
DWR ID	DWR_NA0001_04_s _ 2012_65				
Action/Comments					
Fence Inspector Comments: Extended privacy fence and retaining wall within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00124.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.85	Rating **	N	Issue No.	181
LM End	5.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.572032 °	38.572032 °
				-121.423981 °	-121.423981 °
DWR ID	DWR_NA0001_04_s _ 2012_181				
Action/Comments					
Tree stumps. Inspector Comments: 04/14/2011 Large stump at toe of levee.					

Photo 1 of 1 : mkhashch_s_20140428_00233.jpg



04/14/2011 Large stump at toe of levee.

LM Start	5.87	Rating **	U	Issue No.	210
LM End	5.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.571733 °	38.571733 °
				-121.424055 °	-121.424055 °
DWR ID	DWR_NA0001_04_s _ 2012_210				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and retaining wall are within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00254.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	5.88	Rating **	U	Issue No.	66
LM End	5.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.571586 °	38.571586 °
				-121.424097 °	-121.424097 °
DWR ID	DWR_NA0001_04_s _ 2012_66				
Action/Comments					
Building					

Photo 1 of 1 : mkhashch_s_20140428_00125.jpg



03/16/2012 Structure is within 15' of levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.89	Rating **	U	Issue No.	68
LM End	5.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571525 °	38.571525 °
				-121.424152 °	-121.424152 °
DWR ID	DWR_NA0001_04_f_2013_68				
Action/Comments					
Landscaping Inspector Comments: Levee slope has been landscaped. This obstructs visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00127.jpg



03/16/2012 Levee slope is heavily landscaped, retaining wall has been constructed at the levee toe.

LM Start	5.91	Rating **	M	Issue No.	69
LM End	5.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571243 °	38.571243 °
				-121.424167 °	-121.424167 °
DWR ID	DWR_NA0001_04_s_2012_69				
Action/Comments					
Landscaping Inspector Comments: Levee slope has been landscaped. This obstructs visibility.					

No Photos

LM Start	5.92	Rating **	M	Issue No.	70
LM End	5.92	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571145 °	38.571145 °
				-121.424192 °	-121.424192 °
DWR ID	DWR_NA0001_04_s_2012_70				
Action/Comments					
Landscaping Inspector Comments: Levee slope has been landscaped. This obstructs visibility.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.93	Rating **	N	Issue No.	740
LM End	5.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.570940 °	38.570940 °
				-121.424173 °	-121.424173 °
DWR ID	DWR_NA0001_04_s_2012_740				
Action/Comments					
Tree stumps.					
Inspector Comments: Large stump					

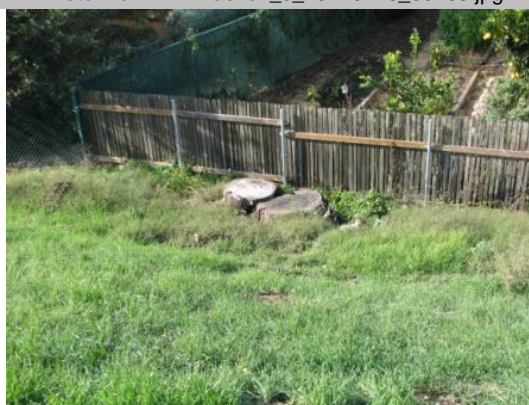
Photo 1 of 1 : mkhashch_s_20140428_00267.jpg



11/15/2011 Large stump at levee toe.

LM Start	5.94	Rating **	N	Issue No.	741
LM End	5.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.570800 °	38.570800 °
				-121.424184 °	-121.424184 °
DWR ID	DWR_NA0001_04_s_2012_741				
Action/Comments					
Tree stumps.					
Inspector Comments: Stump.					

Photo 1 of 1 : mkhashch_s_20140428_00268.jpg



11/15/2011 Stump at levee toe.

LM Start	5.94	Rating **	U	Issue No.	88
LM End	5.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570752 °	38.570752 °
				-121.424219 °	-121.424219 °
DWR ID	DWR_NA0001_04_f_2012_88				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence.					

Photo 1 of 1 : mkhashch_s_20140428_00144.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	5.97	Rating **	M	Issue No.	71
LM End	5.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.570450 °	38.570450 °
				-121.424237 °	-121.424237 °
DWR ID	DWR_NA0001_04_s _ 2012_71				
Action/Comments					
Landscaping Inspector Comments: Landscaping and garden within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140509_00974.jpg



View of the landscaping at the landside levee toe.

LM Start	5.97	Rating **	U	Issue No.	72
LM End	5.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570391 °	38.570391 °
				-121.424227 °	-121.424227 °
DWR ID	DWR_NA0001_04_s _ 2012_72				
Action/Comments					
Fence Inspector Comments: Wood fence and landscaping within 10-ft of the levee toe obstructs visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00128.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	6.00	Rating **	M	Issue No.	211
LM End	6.00	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569893 °	38.569893 °
				-121.424310 °	-121.424310 °
DWR ID	DWR_NA0001_04_s_2012_211				
Action/Comments					
Fence					
Inspector Comments: Apartment complex privacy fence and shrubs within 10-ft of the slope obstruct visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00255.jpg



View of the fence at the landside levee toe.

LM Start	6.27	Rating **	M	Issue No.	164
LM End	6.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566198 °	38.566198 °
				-121.423528 °	-121.423528 °
DWR ID	DWR_NA0001_04_f_2012_164				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry bush at levee toe.					

No Photos

LM Start	6.28	Rating **	A/W	Issue No.	203
LM End	6.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.566079 °	38.566079 °
				-121.423505 °	-121.423505 °
DWR ID	DWR_NA0001_04_f_2013_203				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : mkhashch_s_20140428_00249.jpg



View of the foot traffic on the landside levee slope.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	6.61	Rating **	U	Issue No.	73
LM End	6.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561643 °	38.561643 °
				-121.421262 °	-121.421262 °
DWR ID	DWR_NA0001_04_s_2012_73				
Action/Comments					
Building					
Inspector Comments: Generator and sheds within 10-ft of levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00129.jpg



03/16/2012 Structure for generator is within 5' of levee toe.

LM Start	6.63	Rating **	M	Issue No.	185
LM End	6.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561448 °	38.561448 °
				-121.421071 °	-121.421071 °
DWR ID	DWR_NA0001_04_f_2013_185				
Action/Comments					
Tank					
Inspector Comments: 5 water tanks and storage shed within 10 feet of landside levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00236.jpg



View of the water tanks stored at the landside levee toe.

LM Start	6.66	Rating **	M	Issue No.	51
LM End	6.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561117 °	38.561117 °
				-121.420749 °	-121.420749 °
DWR ID	DWR_NA0001_04_f_2013_51				
Action/Comments					
Material					
Inspector Comments: Pipe and other material stored within 10 feet of landside levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00114.jpg



View of the material stored at the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	6.81	Rating **	M	Issue No.	230
LM End	6.81	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559450 °	38.559450 °
				-121.418960 °	-121.418960 °
DWR ID	DWR_NA0001_04_s _ 2014_230				
Action/Comments					
Inspector Comments: FS_ID:29975					
EP_NO: 16961					
Repair Type:					
Crossing Status:					
UCIP Comments: No access available due to construction activities-- need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: 1 of 2: 48-inch HDPE drainpipe through the levee, approximately 2.5 feet below the crown. Siphon breaker on shoulder. Outfall strucutre on waterward side. Rock revetment on waterward slope. (Permit No. 16961-2000)					
FS Date: 12/11/2013					

No Photos

LM Start	6.81	Rating **	M	Issue No.	231
LM End	6.81	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559450 °	38.559450 °
				-121.418960 °	-121.418960 °
DWR ID	DWR_NA0001_04_s _ 2014_231				
Action/Comments					
Inspector Comments: FS_ID:29969					
EP_NO: 16961					
Repair Type:					
Crossing Status:					
UCIP Comments: No access available due to construction activities--					
need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: 2 of 2: 48-inch HDPE drainpipe through the					
levee, approximately 2.5 feet below the crown. Siphon breaker on					
shoulder. Outfall strucutre on waterward side. Rock revetment on					
waterward slope. (Permit No. 16961-2000)					
FS Date: 12/11/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	6.85	Rating **	M	Issue No.	140
LM End	6.98	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.559152 °	38.558115 °
				-121.418108 °	-121.416328 °
DWR ID	DWR_NA0001_04_f_2012_140				
Action/Comments					
Landscaping Inspector Comments: Bushes at waterside hinge obstruct visibility of waterside slope from levee crown.					

Photo 1 of 1 : mkhashch_s_20140428_00194.jpg



View of landscaping at waterside hinge obstructing visibility.

LM Start	6.87	Rating **	M	Issue No.	232
LM End	6.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558960 °	38.558960 °
				-121.418140 °	-121.418140 °
DWR ID	DWR_NA0001_04_s_2014_232				
Action/Comments					
Inspector Comments: FS_ID:29970					
EP_NO: 17671					
Repair Type:					
Crossing Status:					
UCIP Comments: No access available due to construction activities--					
need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee.					
Provide a field description of this crossing. (Permit No. 17671-2003)					
FS Date: 12/11/2013					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	6.87	Rating **	M	Issue No.	233
LM End	6.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558960 °	38.558960 °
				-121.418140 °	-121.418140 °
DWR ID	DWR_NA0001_04_s _ 2014_233				
Action/Comments					
Inspector Comments: FS_ID:29971 EP_NO: 17671 Repair Type: Crossing Status: UCIP Comments: No access available due to construction activities--need to inspect this section of levee once construction is complete. FIELD_STRUCT_DESC: 2 of 2: 60-inch sewer main under the levee. Provide a field description of this crossing. (Permit No. 17671-2003) FS Date: 12/11/2013					

No Photos

LM Start	6.87	Rating **	M	Issue No.	234
LM End	6.87	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.559011 °	38.559011 °
				-121.418079 °	-121.418079 °
DWR ID	DWR_NA0001_04_s _ 2014_234				
Action/Comments					
Inspector Comments: FS_ID:29972					
EP_NO: 12188					
Repair Type:					
Crossing Status:					
UCIP Comments: No access available due to construction activities--					
need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee,					
approximately 21.6 feet below the crown. Two concrete cutoff walls					
around pipe under each shoulder. (Permit No. 12188-1979)					
FS Date: 12/11/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	6.93	Rating **	M	Issue No.	239
LM End	6.93	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558530 °	38.558530 °
				-121.417270 °	-121.417270 °
DWR ID	DWR_NA0001_04_s _ 2014_239				
Action/Comments					
Inspector Comments: FS_ID:29973					
EP_NO: 15357					
Repair Type:					
Crossing Status:					
UCIP Comments: No access available due to construction activities--					
need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: [Sacramento American River Filtration Plant]					
36-inch waste water line through the levee at crown elevation. A					
bridged conduit and influent structure across levee. Concrete basin on					
landward slope. Concrete structure for pumping plant in channel. Bridge					
access to structure. Chain-link fence around landward side. Rock					
revetment on waterward slope. (Permit No. 3588-1963) Repairs to					
treatment plant and structure foundation under Permit No. 15357 (1991).					
FS Date: 12/11/2013					

No Photos

LM Start	7.04	Rating **	M	Issue No.	240
LM End	7.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558100 °	38.558100 °
				-121.415420 °	-121.415420 °
DWR ID	DWR_NA0001_04_s _ 2014_240				
Action/Comments					
Inspector Comments: FS_ID:29974					
EP_NO: 17587					
Repair Type:					
Crossing Status:					
UCIP Comments: No access available due to construction activities--					
need to inspect this section of levee once construction is complete.					
FIELD_STRUCT_DESC: 54-inch water main through the levee. Provide					
a field description of this crossing. (Permit No. 17587-2003)					
FS Date: 12/11/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	7.38	Rating **	M	Issue No.	241
LM End	7.38	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558197 °	38.558197 °
				-121.409106 °	-121.409106 °
DWR ID	DWR_NA0001_04_s_2014_241				
Action/Comments					
Inspector Comments: FS_ID:30023					
EP_NO: 3596					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to contact owners to determine how crossing was abandoned.					
FIELD_STRUCT_DESC: [Power Inn Road Plant] 4 of 4: Abandoned 48-inch CM drainpipe through the levee, 20.0 feet below the crown. Two CM cutoff walls around pipe under each shoulder. Slide gate with control pedestal in CM pipe riser on waterward slope. Slide gate with control pedestal in collection sump on landward side. Pumping plant at landward toe. Reinforced concrete discharge box at the toe of the water ward slope. Flap gate on waterward end. (Permit No. 3596-1962) 60-inch discharge pipe from box across the berm to the riverbank installed under Permit No. 5894 (1970). Pipe abandoned and CM pipe riser cut 2.0 feet below ground surface under Permit No. 3596A (1998).					
FS Date: 12/11/2013					

Photo 1 of 1 : UCIP_6261.jpg



Pump station located on landward side.

LM Start	7.70	Rating **	U	Issue No.	74
LM End	7.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559177 °	38.559218 °
				-121.403541 °	-121.402967 °
DWR ID	DWR_NA0001_04_s_2012_74				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00130.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	7.75	Rating **	U	Issue No.	75
LM End	7.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559230 °	38.559261 °
				-121.402708 °	-121.402219 °
DWR ID	DWR_NA0001_04_s _ 2012_75				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00131.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.80	Rating **	U	Issue No.	76
LM End	7.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559308 °	38.559309 °
				-121.401717 °	-121.401388 °
DWR ID	DWR_NA0001_04_s _ 2012_76				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00132.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	7.83	Rating **	U	Issue No.	77
LM End	7.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559330 °	38.559366 °
				-121.401162 °	-121.400683 °
DWR ID	DWR_NA0001_04_s _ 2012_77				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00133.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.88	Rating **	U	Issue No.	78
LM End	7.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559379 °	38.559435 °
				-121.400354 °	-121.399944 °
DWR ID	DWR_NA0001_04_s _ 2012_78				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00134.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	7.91	Rating **	U	Issue No.	79
LM End	7.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559514 °	38.559643 °
				-121.399700 °	-121.399248 °
DWR ID	DWR_NA0001_04_s _ 2012_79				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00135.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	7.96	Rating **	U	Issue No.	80
LM End	7.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559753 °	38.559911 °
				-121.398982 °	-121.398506 °
DWR ID	DWR_NA0001_04_s _ 2012_80				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00136.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	7.99	Rating **	M	Issue No.	223
LM End	7.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.559957 °	38.559957 °
				-121.398401 °	-121.398401 °
DWR ID	DWR_NA0001_04_s _ 2012_223				
Action/Comments					
Landscaping Inspector Comments: Landscaping trees and bushes within 10-ft of levee toe obstruct visibility.					

No Photos

LM Start	8.00	Rating **	U	Issue No.	224
LM End	8.03	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.559994 °	38.560185 °
				-121.398318 °	-121.397845 °
DWR ID	DWR_NA0001_04_s _ 2012_224				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00256.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.01	Rating **	C	Issue No.	183
LM End	8.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.560062 °	38.560062 °
				-121.398010 °	-121.398010 °
DWR ID	DWR_NA0001_04_s _ 2012_183				
Action/Comments					
Landscaping					
Inspector Comments: 04/14/2011 Landscaping outside of fence on levee and wood fence completely obstructing visibility.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.04	Rating **	U	Issue No.	81
LM End	8.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560281 °	38.560435 °
				-121.397604 °	-121.397239 °
DWR ID	DWR_NA0001_04_s _ 2012_81				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence for seven apartment units is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00137.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.09	Rating **	U	Issue No.	82
LM End	8.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560537 °	38.560537 °
				-121.396912 °	-121.396912 °
DWR ID	DWR_NA0001_04_s _ 2012_82				
Action/Comments					
Fence					
Inspector Comments: Brick fence is within 10-ft of levee toe, obstructing access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00138.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.10	Rating **	U	Issue No.	83
LM End	8.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560647 °	38.560647 °
				-121.396660 °	-121.396660 °
DWR ID	DWR_NA0001_04_s _ 2012_83				
Action/Comments					
Fence Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00139.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.11	Rating **	U	Issue No.	84
LM End	8.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560728 °	38.560728 °
				-121.396471 °	-121.396471 °
DWR ID	DWR_NA0001_04_s _ 2012_84				
Action/Comments					
Fence Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00140.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.13	Rating **	A/W	Issue No.	745
LM End	8.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560830 °	38.560830 °
				-121.396232 °	-121.396232 °
DWR ID	DWR_NA0001_04_s _ 2012_745				
Action/Comments					
Urban					
Inspector Comments: Drains direct gutter flow onto levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00269.jpg



11/15/2011 Gutter drains that are suspended from the balcony direct flow onto the levee toe.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.13	Rating **	U	Issue No.	85
LM End	8.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560845 °	38.560845 °
				-121.396189 °	-121.396189 °
DWR ID	DWR_NA0001_04_s _ 2012_85				
Action/Comments					
Fence					
Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00141.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.14	Rating **	U	Issue No.	86
LM End	8.14	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.560907 °	38.560907 °
				-121.396043 °	-121.396043 °
DWR ID	DWR_NA0001_04_s _ 2012_86				
Action/Comments					
Fence Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00142.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

* Location
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WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.15	Rating **	U	Issue No.	87
LM End	8.15	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561008 °	38.561008 °
				-121.395817 °	-121.395817 °
DWR ID	DWR_NA0001_04_s _ 2012_87				
Action/Comments					
Fence					
Inspector Comments: Brick fence is within 10-ft of levee toe and obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00143.jpg



03/16/2012 Brick wall completely obstructs access and visibility.

LM Start	8.19	Rating **	M	Issue No.	225
LM End	8.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.561248 °	38.561248 °
				-121.395169 °	-121.395169 °
DWR ID	DWR_NA0001_04_s _ 2012_225				
Action/Comments					
Landscaping Inspector Comments: Landscaping along chain link fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00257.jpg



View of the landscaping at the levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.22	Rating **	U	Issue No.	89
LM End	8.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561467 °	38.561467 °
				-121.394728 °	-121.394728 °
DWR ID	DWR_NA0001_04_s _ 2012_89				
Action/Comments					
Fence					
Inspector Comments: Fence and landscaping arbor within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00145.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.23	Rating **	U	Issue No.	90
LM End	8.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561544 °	38.561544 °
				-121.394494 °	-121.394494 °
DWR ID	DWR_NA0001_04_s _ 2012_90				
Action/Comments					
Fence					
Inspector Comments: Cement block fence within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00146.jpg



03/16/2012 Cinder block wall completely obstructs access and visibility.

LM Start	8.25	Rating **	U	Issue No.	91
LM End	8.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561593 °	38.561593 °
				-121.394315 °	-121.394315 °
DWR ID	DWR_NA0001_04_s _ 2012_91				
Action/Comments					
Fence Inspector Comments: Concrete block fence and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00147.jpg



03/16/2012 Cinder block wall completely obstructs access and visibility.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.25	Rating **	U	Issue No.	92
LM End	8.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561658 °	38.561658 °
				-121.394157 °	-121.394157 °
DWR ID	DWR_NA0001_04_s _ 2012_92				
Action/Comments					
Fence Inspector Comments: Cement block fence and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00148.jpg



03/16/2012 Cinder block fence completely obstructs access and visibility.

LM Start	8.27	Rating **	U	Issue No.	93
LM End	8.27	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561750 °	38.561750 °
				-121.393917 °	-121.393917 °
DWR ID	DWR_NA0001_04_s _ 2012_93				
Action/Comments					
Fence Inspector Comments: Wooden fence, strung tarps, and landscaping within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00149.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.28	Rating **	U	Issue No.	94
LM End	8.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561799 °	38.561799 °
				-121.393758 °	-121.393758 °
DWR ID	DWR_NA0001_04_s _ 2012_94				
Action/Comments					
Fence Inspector Comments: Wood privacy fence and pool within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00150.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.29	Rating **	U	Issue No.	95
LM End	8.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561900 °	38.561900 °
				-121.393547 °	-121.393547 °
DWR ID	DWR_NA0001_04_s _ 2012_95				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00151.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.31	Rating **	U	Issue No.	97
LM End	8.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561986 °	38.561986 °
				-121.393343 °	-121.393343 °
DWR ID	DWR_NA0001_04_s _ 2012_97				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00153.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.32	Rating **	U	Issue No.	98
LM End	8.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562054 °	38.562054 °
				-121.393190 °	-121.393190 °
DWR ID	DWR_NA0001_04_s _ 2012_98				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00154.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.33	Rating **	U	Issue No.	99
LM End	8.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562120 °	38.562120 °
				-121.392983 °	-121.392983 °
DWR ID	DWR_NA0001_04_s _ 2012_99				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00155.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.34	Rating **	U	Issue No.	100
LM End	8.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562182 °	38.562182 °
				-121.392778 °	-121.392778 °
DWR ID	DWR_NA0001_04_s _ 2012_100				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00156.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.39	Rating **	U	Issue No.	101
LM End	8.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.562508 °	38.562508 °
				-121.392037 °	-121.392037 °
DWR ID	DWR_NA0001_04_s _ 2012_101				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00157.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.45	Rating **	M	Issue No.	102
LM End	8.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.562889 °	38.562889 °
				-121.391042 °	-121.391042 °
DWR ID	DWR_NA0001_04_s _ 2012_102				
Action/Comments					
Landscaping					
Inspector Comments: Helix sky pencil along chain link fence is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00158.jpg



View of the landscaping at the levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.47	Rating **	U	Issue No.	103
LM End	8.47	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563042 °	38.563042 °
				-121.390692 °	-121.390692 °
DWR ID	DWR_NA0001_04_s _ 2012_103				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00159.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.48	Rating **	U	Issue No.	104
LM End	8.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563108 °	38.563108 °
				-121.390452 °	-121.390452 °
DWR ID	DWR_NA0001_04_s _ 2012_104				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00160.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.51	Rating **	M	Issue No.	105
LM End	8.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563238 °	38.563238 °
				-121.390073 °	-121.390073 °
DWR ID	DWR_NA0001_04_s _ 2012_105				
Action/Comments					
Landscaping					
Inspector Comments: Palms planted within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00161.jpg



View of the palm trees at the levee toe.

LM Start	8.52	Rating **	U	Issue No.	106
LM End	8.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563308 °	38.563308 °
				-121.389885 °	-121.389885 °
DWR ID	DWR_NA0001_04_s _ 2012_106				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility. Block wall built into the levee.					

Photo 1 of 1 : mkhashch_s_20140428_00162.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.53	Rating **	M	Issue No.	246
LM End	8.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563434 °	38.563434 °
				-121.389675 °	-121.389675 °
DWR ID	DWR_NA0001_04_s _ 2014_246				
Action/Comments					
Retaining Wall					
Inspector Comments: Retaining wall and irrigation at landside levee toe.					

Photo 1 of 1 : mkhashch_s_20140509_00973.jpg



View of the irrigation and retaining wall at the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.54	Rating **	U	Issue No.	107
LM End	8.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563511 °	38.563511 °
				-121.389509 °	-121.389509 °
DWR ID	DWR_NA0001_04_s _ 2012_107				
Action/Comments					
Landscaping					

Photo 1 of 1 : mkhashch_s_20140428_00163.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	8.55	Rating **	U	Issue No.	108
LM End	8.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563587 °	38.563587 °
				-121.389313 °	-121.389313 °
DWR ID	DWR_NA0001_04_s _ 2012_108				
Action/Comments					
Landscaping					

Photo 1 of 1 : mkhashch_s_20140428_00164.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	8.56	Rating **	M	Issue No.	236
LM End	8.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566948 °	38.566948 °
				-121.371562 °	-121.371562 °
DWR ID	DWR_NA0001_04_s _ 2012_236				
Action/Comments					
Landscaping					
Inspector Comments: Landscaping within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140509_00972.jpg



View of the landscaping at the landside levee to obstructing visibility and access.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.57	Rating **	U	Issue No.	109
LM End	8.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563580 °	38.563580 °
				-121.389140 °	-121.389140 °
DWR ID	DWR_NA0001_04_s _ 2012_109				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00165.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.58	Rating **	U	Issue No.	110
LM End	8.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563732 °	38.563732 °
				-121.388930 °	-121.388930 °
DWR ID	DWR_NA0001_04_s _ 2012_110				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00166.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.59	Rating **	M	Issue No.	226
LM End	8.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563793 °	38.563793 °
				-121.388758 °	-121.388758 °
DWR ID	DWR_NA0001_04_s_2012_226				
Action/Comments					
Landscaping Inspector Comments: Garden, trees and cactus planted against the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00258.jpg



View of landscaping at the levee toe.

LM Start	8.60	Rating **	U	Issue No.	111
LM End	8.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563820 °	38.563820 °
				-121.388518 °	-121.388518 °
DWR ID	DWR_NA0001_04_s_2012_111				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00167.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.61	Rating **	U	Issue No.	113
LM End	8.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563877 °	38.563877 °
				-121.388343 °	-121.388343 °
DWR ID	DWR_NA0001_04_s_2012_113				
Action/Comments					
Landscaping					

Photo 1 of 1 : mkhashch_s_20140428_00169.jpg



03/16/2012 Landscaping on chainlink fence blocks visibility and access.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.63	Rating **	U	Issue No.	114
LM End	8.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563945 °	38.563945 °
				-121.388137 °	-121.388137 °
DWR ID	DWR_NA0001_04_s _ 2012_114				
Action/Comments					
Landscaping					
Inspector Comments: Ivy and orange tree obstruct visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00170.jpg



03/16/2012 Ivy on chainlink fence completely obstructs visibility and access.

LM Start	8.65	Rating **	U	Issue No.	115
LM End	8.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564047 °	38.564047 °
				-121.387743 °	-121.387743 °
DWR ID	DWR_NA0001_04_s _ 2012_115				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence and 2-story play house within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00171.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.66	Rating **	U	Issue No.	117
LM End	8.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564033 °	38.564033 °
				-121.387572 °	-121.387572 °
DWR ID	DWR_NA0001_04_s _ 2012_117				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence and wood out building within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00173.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.67	Rating **	U	Issue No.	116
LM End	8.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564133 °	38.564133 °
				-121.387318 °	-121.387318 °
DWR ID	DWR_NA0001_04_s _ 2012_116				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00172.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.68	Rating **	U	Issue No.	118
LM End	8.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564133 °	38.564133 °
				-121.387092 °	-121.387092 °
DWR ID	DWR_NA0001_04_s _ 2012_118				
Action/Comments					
Fence Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00174.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	8.70	Rating **	U	Issue No.	119
LM End	8.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564217 °	38.564217 °
				-121.386846 °	-121.386846 °
DWR ID	DWR_NA0001_04_s _ 2012_119				
Action/Comments					
Fence					
Inspector Comments: Wood privacy fence within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00175.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	8.98	Rating **	U	Issue No.	235
LM End	8.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.565352 °	38.565352 °
				-121.382044 °	-121.382044 °
DWR ID	DWR_NA0001_04_s _ 2012_235				
Action/Comments					
Fence					
Inspector Comments: Chain link fence with privacy slats and barbed wire within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00259.jpg



03/16/2012 Chainlink fence with privacy slats and barbed wire obstruct visibility and access.

LM Start	9.49	Rating **	A/W	Issue No.	175
LM End	9.49	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566700 °	38.566700 °
				-121.372961 °	-121.372961 °
DWR ID	DWR_NA0001_04_s _ 2012_175				
Action/Comments					
Pipe					
Inspector Comments: Flap gates in good condition. Pipe is exposed at waterside toe.					

Photo 1 of 2 : mkhashch_s_20140428_00226.jpg



Drainage outfall to American River.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	9.49	Rating **	A/W	Issue No.	175 (cont)
LM End	9.49	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566700 °	38.566700 °
				-121.372961 °	-121.372961 °
DWR ID	DWR_NA0001_04_s _ 2012_175				
Action/Comments					
Pipe					
Inspector Comments: Flap gates in good condition. Pipe is exposed at waterside toe.					

Photo 2 of 2 : mkhashch_s_20140428_00227.jpg



View of exposed pipe at waterside toe.

LM Start	9.54	Rating **	C	Issue No.	120
LM End	9.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566849 °	38.566849 °
				-121.372166 °	-121.372166 °
DWR ID	DWR_NA0001_04_s _ 2012_120				
Action/Comments					
Landscaping Inspector Comments: Bushes within 10-ft of levee toe obstructs visibility. LMA is working on removing encroachment.					

No Photos

LM Start	9.57	Rating **	M	Issue No.	237
LM End	9.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566938 °	38.566938 °
				-121.371550 °	-121.371550 °
DWR ID	DWR_NA0001_04_s _ 2012_237				
Action/Comments					
Landscaping Inspector Comments: Redwoods and ivy along fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00260.jpg



View of landscaping at levee toe.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	9.61	Rating **	U	Issue No.	121
LM End	9.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567058 °	38.567058 °
				-121.370954 °	-121.370954 °
DWR ID	DWR_NA0001_04_s _ 2012_121				
Action/Comments					
Landscaping Inspector Comments: Oleander bushes and shrubs within 10-ft of lanside toe.					

Photo 1 of 1 : mkhashch_s_20140428_00177.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	9.64	Rating **	M	Issue No.	122
LM End	9.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567181 °	38.567181 °
				-121.370366 °	-121.370366 °
DWR ID	DWR_NA0001_04_s _ 2012_122				
Action/Comments					
Landscaping Inspector Comments: Trees and ground cover within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00178.jpg



View of landscaping at levee toe.

LM Start	9.66	Rating **	N	Issue No.	123
LM End	9.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.567285 °	38.567285 °
				-121.369964 °	-121.369964 °
DWR ID	DWR_NA0001_04_s _ 2012_123				
Action/Comments					
Tree stumps. Inspector Comments: Trees, bushes and ground cover within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00179.jpg



03/16/2012 Large tree stump at levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	9.67	Rating **	M	Issue No.	124
LM End	9.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567242 °	38.567242 °
				-121.369858 °	-121.369858 °
DWR ID	DWR_NA0001_04_s_2012_124				
Action/Comments					
Landscaping Inspector Comments: Ivy and vines on chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00180.jpg



View of landscaping at levee toe.

LM Start	9.69	Rating **	U	Issue No.	125
LM End	9.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567360 °	38.567360 °
				-121.369555 °	-121.369555 °
DWR ID	DWR_NA0001_04_s_2012_125				
Action/Comments					
Landscaping Inspector Comments: Dense golden ivy on C/L fence obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00181.jpg



03/16/2012 Landscaping obstructs visibility and access.

LM Start	9.72	Rating **	M	Issue No.	127
LM End	9.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567451 °	38.567451 °
				-121.368962 °	-121.368962 °
DWR ID	DWR_NA0001_04_s_2012_127				
Action/Comments					
Landscaping Inspector Comments: Ground cover on levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00182.jpg



View of landscaping on levee slope.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	9.74	Rating **	U	Issue No.	128
LM End	9.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567493 °	38.567493 °
				-121.368633 °	-121.368633 °
DWR ID	DWR_NA0001_04_s _ 2012_128				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00183.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	9.76	Rating **	M	Issue No.	129
LM End	9.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567594 °	38.567594 °
				-121.368195 °	-121.368195 °
DWR ID	DWR_NA0001_04_s _ 2012_129				
Action/Comments					
Landscaping					
Inspector Comments: Trees and vines along C/L fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00184.jpg



View of landscaping at levee toe.

LM Start	9.78	Rating **	U	Issue No.	130
LM End	9.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567626 °	38.567626 °
				-121.367921 °	-121.367921 °
DWR ID	DWR_NA0001_04_s _ 2012_130				
Action/Comments					
Landscaping					
Inspector Comments: Tall hedge obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00185.jpg



03/16/2012 Tall hedge obstructs visibility and access.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	9.79	Rating **	M	Issue No.	131
LM End	9.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567680 °	38.567680 °
				-121.367674 °	-121.367674 °
DWR ID	DWR_NA0001_04_s _ 2012_131				
Action/Comments					
Landscaping					
Inspector Comments: Tall hedge obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00186.jpg



View of landscaping at levee toe.

LM Start	9.82	Rating **	M	Issue No.	132
LM End	9.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567772 °	38.567772 °
				-121.367227 °	-121.367227 °
DWR ID	DWR_NA0001_04_s _ 2012_132				
Action/Comments					
Landscaping					
Inspector Comments: Trees and ivy on levee slope obstruct access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00187.jpg



View of obstructive landscaping.

LM Start	9.84	Rating **	M	Issue No.	133
LM End	9.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567856 °	38.567856 °
				-121.366892 °	-121.366892 °
DWR ID	DWR_NA0001_04_s _ 2012_133				
Action/Comments					
Landscaping					
Inspector Comments: Lemon tree, palm, sky pencil and ivy planted within 10-ft of levee toe obstructs access and visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00188.jpg



View of landscaping at levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	9.86	Rating **	M	Issue No.	134
LM End	9.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.567873 °	38.567873 °
				-121.366410 °	-121.366410 °
DWR ID	DWR_NA0001_04_s _ 2012_134				
Action/Comments					
Landscaping					
Inspector Comments: Ivy, hedge and play house is within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00189.jpg



View of landscaping and playhouse.

LM Start	9.98	Rating **	M	Issue No.	135
LM End	9.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568446 °	38.568446 °
				-121.364385 °	-121.364385 °
DWR ID	DWR_NA0001_04_s _ 2012_135				
Action/Comments					
Landscaping					
Inspector Comments: Tall hedge and ivy within 10-ft of landside levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00190.jpg



03/16/2012 Landscaping is obstructing visibility.

LM Start	10.04	Rating **	M	Issue No.	136
LM End	10.04	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568714 °	38.568714 °
				-121.363257 °	-121.363257 °
DWR ID	DWR_NA0001_04_s _ 2012_136				
Action/Comments					
Fence					
Inspector Comments: Wire fence within 10-ft of landside levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00191.jpg



View of the fence and tree stump at the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.04	Rating **	N	Issue No.	32
LM End	10.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.568715 °	38.568715 °
				-121.363256 °	-121.363256 °
DWR ID	DWR_NA0001_04_f_2013_32				
Action/Comments					
Tree stumps.					

No Photos

LM Start	10.07	Rating **	M	Issue No.	137
LM End	10.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568833 °	38.568833 °
				-121.362783 °	-121.362783 °
DWR ID	DWR_NA0001_04_s_2012_137				
Action/Comments					
Landscaping Inspector Comments: Ivy on levee slope and Juniper at levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00192.jpg



View of encroaching landscaping.

LM Start	10.09	Rating **	M	Issue No.	238
LM End	10.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568918 °	38.568918 °
				-121.362533 °	-121.362533 °
DWR ID	DWR_NA0001_04_s_2012_238				
Action/Comments					
Landscaping					
Inspector Comments: Landscaping on levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00261.jpg



View of the landscaping on levee slope.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.10	Rating **	U	Issue No.	138
LM End	10.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568953 °	38.568953 °
				-121.362396 °	-121.362396 °
DWR ID	DWR_NA0001_04_s _ 2012_138				
Action/Comments					
Fence					
Inspector Comments: 03/16/2012 Wood privacy fence completely obstructs visibility and access.					

Photo 1 of 1 : mkhashch_s_20140428_00193.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.12	Rating **	A/W	Issue No.	202
LM End	10.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569111 °	38.569111 °
				-121.361921 °	-121.361921 °
DWR ID	DWR_NA0001_04_s _ 2013_202				
Action/Comments					
Pool					
Inspector Comments: Pool filled with water.					

Photo 1 of 1 : mkhashch_s_20140428_00248.jpg



View of the pool filled with water.

LM Start	10.16	Rating **	U	Issue No.	245
LM End	10.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569247 °	38.569247 °
				-121.361315 °	-121.361315 °
DWR ID	DWR_NA0001_04_s _ 2014_245				
Action/Comments					
Fence					
Inspector Comments: Rod fence covered with vegetation within 10ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140509_00971.jpg



View of the fence at the landside levee toe.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.18	Rating **	U	Issue No.	176
LM End	10.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569293 °	38.569293 °
				-121.361002 °	-121.361002 °
DWR ID	DWR_NA0001_04_s _ 2012_176				
Action/Comments					
Building					

Photo 1 of 1 : mkhashch_s_20140428_00228.jpg



03/16/2012 Wood structure within 15' of levee toe.

LM Start	10.32	Rating **	M	Issue No.	243
LM End	10.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.569902 °	38.569902 °
				-121.358491 °	-121.358491 °
DWR ID	DWR_NA0001_04_s _ 2014_243				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : mkhashch_s_20140509_00970.jpg



View of the tall vegetation on the landside levee slope.

LM Start	10.34	Rating **	U	Issue No.	141
LM End	10.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569982 °	38.570118 °
				-121.358134 °	-121.357604 °
DWR ID	DWR_NA0001_04_s _ 2012_141				
Action/Comments					
Fence					
Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00195.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.38	Rating **	U	Issue No.	142
LM End	10.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570175 °	38.570229 °
				-121.357390 °	-121.357041 °
DWR ID	DWR_NA0001_04_s _ 2012_142				
Action/Comments					
Fence Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00196.jpg



Wooden fence behind apartments within 10' of levee toe.

LM Start	10.41	Rating **	U	Issue No.	146
LM End	10.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570225 °	38.570245 °
				-121.357014 °	-121.356791 °
DWR ID	DWR_NA0001_04_s _ 2012_146				
Action/Comments					
Fence					
Inspector Comments: Wooden fence behind 6 apartments.					

Photo 1 of 1 : mkhashch_s_20140428_00200.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.42	Rating **	U	Issue No.	143
LM End	10.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570257 °	38.570297 °
				-121.356783 °	-121.356403 °
DWR ID	DWR_NA0001_04_s_2012_143				
Action/Comments					
Fence Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00197.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.45	Rating **	U	Issue No.	144
LM End	10.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570325 °	38.570397 °
				-121.356185 °	-121.355757 °
DWR ID	DWR_NA0001_04_s_2012_144				
Action/Comments					
Fence					
Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00198.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.48	Rating **	U	Issue No.	145
LM End	10.51	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570417 °	38.570500 °
				-121.355625 °	-121.355151 °
DWR ID	DWR_NA0001_04_s _ 2012_145				
Action/Comments					
Fence Inspector Comments: Wooden fence behind six apartment units is within 10-ft of levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00199.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.53	Rating **	U	Issue No.	147
LM End	10.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570542 °	38.570542 °
				-121.354772 °	-121.354772 °
DWR ID	DWR_NA0001_04_s _ 2012_147				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence.					

Photo 1 of 1 : mkhashch_s_20140428_00201.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.56	Rating **	U	Issue No.	148
LM End	10.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570524 °	38.570524 °
				-121.354359 °	-121.354359 °
DWR ID	DWR_NA0001_04_s _ 2012_148				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence obstructs visibility and access.					

Photo 1 of 1 : mkhashch_s_20140428_00202.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.57	Rating **	M	Issue No.	180
LM End	10.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570397 °	38.570397 °
				-121.354084 °	-121.354084 °
DWR ID	DWR_NA0001_04_s _ 2012_180				
Action/Comments					
Fence					
Inspector Comments: Chainlink fence partially obstructs, currently visibility is unobstructed.					

Photo 1 of 1 : mkhashch_s_20140428_00232.jpg



Chainlink fence is partially obstructing visibility and access.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.58	Rating **	U	Issue No.	149
LM End	10.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570234 °	38.570234 °
				-121.353862 °	-121.353862 °
DWR ID	DWR_NA0001_04_s _ 2012_149				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00203.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.60	Rating **	U	Issue No.	150
LM End	10.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570095 °	38.570095 °
				-121.353807 °	-121.353807 °
DWR ID	DWR_NA0001_04_s _ 2012_150				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00204.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.62	Rating **	U	Issue No.	151
LM End	10.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569921 °	38.569921 °
				-121.353643 °	-121.353643 °
DWR ID	DWR_NA0001_04_s _ 2012_151				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00205.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.63	Rating **	U	Issue No.	152
LM End	10.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569758 °	38.569758 °
				-121.353535 °	-121.353535 °
DWR ID	DWR_NA0001_04_s _ 2012_152				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00206.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.67	Rating **	U	Issue No.	153
LM End	10.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569166 °	38.569166 °
				-121.353272 °	-121.353272 °
DWR ID	DWR_NA0001_04_s _ 2012_153				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence and ivy within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00207.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.68	Rating **	U	Issue No.	154
LM End	10.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.569020 °	38.569020 °
				-121.353313 °	-121.353313 °
DWR ID	DWR_NA0001_04_s_2012_154				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00208.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.69	Rating **	M	Issue No.	155
LM End	10.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568892 °	38.568892 °
				-121.353162 °	-121.353162 °
DWR ID	DWR_NA0001_04_s_2012_155				
Action/Comments					
Landscaping					
Inspector Comments: Trees and bushes are within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00209.jpg



03/16/2012 Trees and bushes within 10' of levee toe.

LM Start	10.71	Rating **	U	Issue No.	156
LM End	10.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568713 °	38.568713 °
				-121.353150 °	-121.353150 °
DWR ID	DWR_NA0001_04_s_2012_156				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence and landscaping within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140509_00969.jpg



View of the fence at the landside levee toe obstructing visibility and access.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.71	Rating **	M	Issue No.	157
LM End	10.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568608 °	38.568608 °
				-121.353054 °	-121.353054 °
DWR ID	DWR_NA0001_04_s _ 2012_157				
Action/Comments					
Landscaping					
Inspector Comments: Tall hedge and vine on levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00211.jpg



03/16/2012 Landscaping obstructs visibility

LM Start	10.73	Rating **	U	Issue No.	158
LM End	10.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568355 °	38.568355 °
				-121.353033 °	-121.353033 °
DWR ID	DWR_NA0001_04_s _ 2012_158				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00212.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.73	Rating **	U	Issue No.	159
LM End	10.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568313 °	38.568313 °
				-121.352941 °	-121.352941 °
DWR ID	DWR_NA0001_04_s _ 2012_159				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00213.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.74	Rating **	A/W	Issue No.	173
LM End	10.74	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568297 °	38.568297 °
				-121.352910 °	-121.352910 °
DWR ID	DWR_NA0001_04_s_2012_173				
Action/Comments					
Pipe					
Inspector Comments: Pipe beneath levee and channel.					

No Photos

LM Start	10.74	Rating **	U	Issue No.	160
LM End	10.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568188 °	38.568188 °
				-121.352864 °	-121.352864 °
DWR ID	DWR_NA0001_04_f_2012_160				
Action/Comments					
Fence					
Inspector Comments: Tall wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00214.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.75	Rating **	U	Issue No.	161
LM End	10.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.568058 °	38.568058 °
				-121.352785 °	-121.352785 °
DWR ID	DWR_NA0001_04_s_2012_161				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence and vine within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00215.jpg



View of wood privacy fence completely obstructing access and visibility.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.77	Rating **	U	Issue No.	179
LM End	10.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567917 °	38.567917 °
				-121.352698 °	-121.352698 °
DWR ID	DWR_NA0001_04_s _ 2012_179				
Action/Comments					
Fence Inspector Comments: Chainlink fence with bamboo mats prevent visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00231.jpg



03/16/2012 Bamboo panels on chainlink fence completely obstruct visibility.

LM Start	10.79	Rating **	M	Issue No.	178
LM End	10.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567552 °	38.567552 °
				-121.352500 °	-121.352500 °
DWR ID	DWR_NA0001_04_s _ 2012_178				
Action/Comments					
Fence					
Inspector Comments: Chainlink fence					

Photo 1 of 1 : mkhashch_s_20140428_00230.jpg



03/16/2012 Chainlink fence partially blocks visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.80	Rating **	U	Issue No.	162
LM End	10.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567402 °	38.567402 °
				-121.352415 °	-121.352415 °
DWR ID	DWR_NA0001_04_s_2012_162				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00216.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.82	Rating **	U	Issue No.	163
LM End	10.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567250 °	38.567250 °
				-121.352341 °	-121.352341 °
DWR ID	DWR_NA0001_04_s_2012_163				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence and landscaping within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00217.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.83	Rating **	U	Issue No.	172
LM End	10.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567008 °	38.567008 °
				-121.352226 °	-121.352226 °
DWR ID	DWR_NA0001_04_s_2012_172				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence.					

Photo 1 of 1 : mkhashch_s_20140428_00225.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.84	Rating **	U	Issue No.	170
LM End	10.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566981 °	38.566981 °
				-121.352213 °	-121.352213 °
DWR ID	DWR_NA0001_04_f_2012_170				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00223.jpg



View of the fence obstructing visibility and access.

LM Start	10.86	Rating **	U	Issue No.	166
LM End	10.86	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566705 °	38.566705 °
				-121.352063 °	-121.352063 °
DWR ID	DWR_NA0001_04_s_2012_166				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00219.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.87	Rating **	U	Issue No.	171
LM End	10.87	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566545 °	38.566545 °
				-121.352004 °	-121.352004 °
DWR ID	DWR_NA0001_04_s _ 2012_171				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence and tall hedge within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00224.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.88	Rating **	U	Issue No.	169
LM End	10.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566399 °	38.566399 °
				-121.351931 °	-121.351931 °
DWR ID	DWR_NA0001_04_s _ 2012_169				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00222.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.89	Rating **	U	Issue No.	167
LM End	10.89	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.566233 °	38.566233 °
				-121.351848 °	-121.351848 °
DWR ID	DWR_NA0001_04_s_2012_167				
Action/Comments					
Landscaping Inspector Comments: Wooden privacy fence ivy and vine planted within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00220.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.91	Rating **	U	Issue No.	165
LM End	10.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.566044 °	38.566044 °
				-121.351747 °	-121.351747 °
DWR ID	DWR_NA0001_04_s_2012_165				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00218.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

LM Start	10.92	Rating **	C	Issue No.	25
LM End	10.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.565921 °	38.565921 °
				-121.351683 °	-121.351683 °
DWR ID	DWR_NA0001_04_f_2013_25				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 American River	Left	10.97	04/30/2014 05/01/2014	Maksim Khashchuk

LM Start	10.92	Rating **	U	Issue No.	168
LM End	10.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.565917 °	38.565646 °
				-121.351682 °	-121.351532 °
DWR ID	DWR_NA0001_04_s _ 2012_168				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00221.jpg



03/16/2012 Wood privacy fence completely obstructs access and visibility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections****Unit Cover Sheet****Spring 2014 Levee Inspection Results****American River Flood Control District**

Waterway			Bank	Unit Miles
Unit No. 05 Sacramento River			Left	0.40
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/01/2014 - 05/01/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Richard Marck ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Sacramento River	Left	0.40	05/01/2014 05/01/2014	Maksim Khashchuk

LM Start	0.10	Rating **	M	Issue No.	2
LM End	0.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.595044 °	38.594117 °
				-121.506497 °	-121.506377 °
DWR ID	DWR_NA0001_05_s _ 2012_2				
Action/Comments					
Landscaping					
Inspector Comments: Landscaping behind Best Western.					

Photo 1 of 1 : mkhashch_s_20140509_00978.jpg



View of the landscaping on the landside levee slope obstructing visibility and access.

LM Start	0.27	Rating **	M	Issue No.	5
LM End	0.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.592630 °	38.591517 °
				-121.505850 °	-121.505447 °
DWR ID	DWR_NA0001_05_s _ 2012_5				
Action/Comments					
Landscaping					
Inspector Comments: Landscaping at City intake facility.					

Photo 1 of 1 : mkhashch_s_20140509_00979.jpg



View of the landscaping on the landside levee slope at the City intake facility.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 06 Linda Creek			Left	1.30
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/28/2014 - 04/28/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	0.01	Rating **	A/W	Issue No.	10
LM End	0.01	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.657424 °	38.657424 °
				-121.474434 °	-121.474434 °
DWR ID	DWR_NA0001_06_s_2014_10				
Action/Comments					
Pipe					

Photo 1 of 1 : mkhashch_s_20140505_00941.jpg



View of the pipe from the levee crown.

LM Start	0.60	Rating **	A/W	Issue No.	8
LM End	0.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.659649 °	38.659649 °
				-121.464167 °	-121.464167 °
DWR ID	DWR_NA0001_06_s_2013_8				
Action/Comments					
Pipe					

Photo 1 of 1 : mkhashch_s_20140428_00289.jpg



View of the pumping plant at the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	0.75	Rating **	M	Issue No.	3
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.660518 °	38.660518 °
				-121.461826 °	-121.461826 °
DWR ID	DWR_NA0001_06_s _ 2014_3				
Action/Comments					
Inspector Comments: FS_ID:30706					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm if line goes through levee or along					
landward slope. No permit found.					
FIELD_STRUCT_DESC: Storm drain manhole located on landward					
side.					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6303.jpg



Manhole located on landward slope.

LM Start	0.83	Rating **	M	Issue No.	9
LM End	0.83	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661156 °	38.661156 °
				-121.460475 °	-121.460475 °
DWR ID	DWR_NA0001_06_s _ 2014_9				
Action/Comments					
Inspector Comments: FS_ID:29223					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to find CM riser and flap gate on waterward end--need to contact owner to determine status of crossing. Manhole found on landward side however unable to determine if manhole is part of this crossing.					
FIELD_STRUCT_DESC: 24-inch pipe through the levee, 12.5 feet below the crown. Two CM cutoff walls around pipe. Slide gate in CM riser and flap gate at waterward end. Concrete headwalls on both ends. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 440+50).					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6198.jpg



View of landward side--manhole on landward toe.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Linda Creek	Left	1.30	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	0.96	Rating **	M	Issue No.	7
LM End	0.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.662114 °	38.662114 °
				-121.458576 °	-121.458576 °
DWR ID	DWR_NA0001_06_s _ 2014_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : mkhashch_s_20140505_00940.jpg



View of the tall vegetation on the landside levee slope.

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 07 Arcade Creek			Right	1.92
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/28/2014 - 04/29/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Richard Marck ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	0.36	Rating **	A/W	Issue No.	17
LM End	0.36	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.623325 °	38.623325 °
				-121.462217 °	-121.462217 °
DWR ID	DWR_NA0001_07_s _ 2012_17				
Action/Comments					
Pipe Inspector Comments: Closure device for sewer line located on levee crown.					

Photo 1 of 1 : mkhashch_s_20140428_00309.jpg



Closure device for SS beneath channel.

LM Start	0.58	Rating **	A/W	Issue No.	42
LM End	0.58	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.625311 °	38.625311 °
				-121.458994 °	-121.458994 °
DWR ID	DWR_NA0001_07_s _ 2014_42				
Action/Comments					
Pipe					
Inspector Comments: Two pipes crossing the levee.					

Photo 1 of 1 : mkhashch_s_20140505_00945.jpg



View of the pump station on the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	0.70	Rating **	M	Issue No.	36
LM End	0.70	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.624843 °	38.624843 °
				-121.457097 °	-121.457097 °
DWR ID	DWR_NA0001_07_s_2014_36				
Action/Comments					
Inspector Comments: FS_ID:29237					
EP_NO: 3417					
Repair Type:					
Crossing Status:					
UCIP Comments: Missing gas line markers -- need to contact owner to determine status.					
FIELD_STRUCT_DESC: 4-inch steel gas line through the levee, 2.0 feet below the crown. CM cutoff wall around pipe at center of levee.					
(Permit No. 3417-1961) Landscaping and staircase on landward slope added under Permit No. 3510 (1978), but was removed in 1994.					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6201.jpg



View of pipe attached to bridge.

LM Start	0.92	Rating **	M	Issue No.	19
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.625733 °	38.625733 °
				-121.453153 °	-121.453153 °
DWR ID	DWR_NA0001_07_f_2013_19				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : mkhashch_s_20140428_00310.jpg



View of the foot traffic on the landside levee slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.04	Rating **	M	Issue No.	32
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.625851 °	38.625851 °
				-121.450993 °	-121.450993 °
DWR ID	DWR_NA0001_07_f_2013_32				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : mkhashch_s_20140505_00946.jpg



View of the foot traffic on the landside levee toe.

LM Start	1.23	Rating **	M	Issue No.	37
LM End	1.23	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.625784 °	38.625784 °
				-121.447463 °	-121.447463 °
DWR ID	DWR_NA0001_07_s_2014_37				
Action/Comments					
Inspector Comments: FS_ID:26556					
EP_NO: 16466					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: Two 6-inch and one 2-inch concrete encased steel utility conduits through the levee, all approximately 2.0 feet below the crown. Manhole on the levee crown. (Permit No. 16466-1995)					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6125.jpg



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.30	Rating **	M	Issue No.	38
LM End	1.30	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.626198 °	38.626198 °
				-121.446321 °	-121.446321 °
DWR ID	DWR_NA0001_07_s_2014_38				
Action/Comments					
Inspector Comments: FS_ID:29275					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Only manhole present--need to coordinate with owner to determine if crossing is still present and whether manhole corresponds to this crossing.					
FIELD_STRUCT_DESC: 8-inch (not 10-inch as indicated in desk study) sewer pipe through the levee, 7.5 feet below the crown. Floodgates within the levee across the channel, installed under Permit No. 14480 (1986).					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6203.jpg



Manhole visible on landward side.

LM Start	1.30	Rating **	M	Issue No.	39
LM End	1.30	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.626296 °	38.626296 °
				-121.446038 °	-121.446038 °
DWR ID	DWR_NA0001_07_s_2014_39				
Action/Comments					
Inspector Comments: FS_ID:31273					
EP_NO: 15152					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm if crossing is the same one authorized through permit.					
FIELD_STRUCT_DESC: 4-inch steel gas main through the levee, 2.5 feet below the crown. Vent on the waterward shoulder. (Permit No. 15152-1989)					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6378.jpg



Crossing attached to upstream face of bridge.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.38	Rating **	A/W	Issue No.	34
LM End	1.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.626601 °	38.626601 °
				-121.445016 °	-121.445016 °
DWR ID	DWR_NA0001_07_s_2012_34				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comments: Damage caused by foot traffic.					

Photo 1 of 1 : mkhashch_s_20140505_00947.jpg



View of the landside levee slope damaged by foot traffic.

LM Start	1.49	Rating **	M	Issue No.	8
LM End	1.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627526 °	38.627526 °
				-121.443310 °	-121.443310 °
DWR ID	DWR_NA0001_07_s_2013_8				
Action/Comments					
Fence					

Photo 1 of 1 : mkhashch_s_20140428_00298.jpg



View of the fence obstruction visibility and access at the landside levee toe.

LM Start	1.51	Rating **	U	Issue No.	43
LM End	1.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627675 °	38.627718 °
				-121.442874 °	-121.442631 °
DWR ID	DWR_NA0001_07_s_2014_43				
Action/Comments					
Fence					
Inspector Comments: New fence under construction with 18 inch CMU block base.					

Photo 1 of 1 : mkhashch_s_20140505_00948.jpg



View of a new fence under construction at the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.53	Rating **	C	Issue No.	2
LM End	1.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.627742 °	38.627742 °
				-121.442524 °	-121.442524 °
DWR ID	DWR_NA0001_07_s_2012_2				
Action/Comments					
Landscaping					
Inspector Comments: Cactus planted within 10-ft of levee toe. Storage building is also within 10-ft of the toe.					

No Photos

LM Start	1.54	Rating **	U	Issue No.	30
LM End	1.54	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627744 °	38.627744 °
				-121.442367 °	-121.442367 °
DWR ID	DWR_NA0001_07_s_2012_30				
Action/Comments					
Building Inspector Comments: Large side building is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00320.jpg



11/17/2011 Building obstructs visibility and access.

LM Start	1.56	Rating **	U	Issue No.	3
LM End	1.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627682 °	38.627682 °
				-121.442113 °	-121.442113 °
DWR ID	DWR_NA0001_07_s_2012_3				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00294.jpg



Wooden privacy fence is constructed at the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.56	Rating **	U	Issue No.	4
LM End	1.56	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627707 °	38.627707 °
				-121.441965 °	-121.441965 °
DWR ID	DWR_NA0001_07_s _ 2012_4				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00295.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

LM Start	1.58	Rating **	C	Issue No.	181
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627751 °	38.627751 °
				-121.441592 °	-121.441592 °
DWR ID	DWR_NA0001_07_s _ 2012_181				
Action/Comments					
Debris					
Inspector Comments: Yard waste and debris at landside toe.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.58	Rating **	M	Issue No.	40
LM End	1.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627762 °	38.627762 °
				-121.441608 °	-121.441608 °
DWR ID	DWR_NA0001_07_s_2014_40				
Action/Comments					
Inspector Comments: FS_ID:31451					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Gas line - no markers visible. No permit available.					
FIELD_STRUCT_DESC: 1 of 2: 4-inch pipe through the levee, below					
ground elevation under the channel.					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6437.jpg



Underground service alert (USA) markings present on flood wall for 4-inch gas line.

LM Start	1.58	Rating **	M	Issue No.	41
LM End	1.58	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.627760 °	38.627760 °
				-121.441593 °	-121.441593 °
DWR ID	DWR_NA0001_07_s_2014_41				
Action/Comments					
Inspector Comments: FS_ID:31452					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Gas line - no markers visible. No permit available.					
FIELD_STRUCT_DESC: 2 of 2: 6-inch pipe through the levee and					
under the channel at an unknown depth.					
FS Date: 12/20/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.59	Rating **	M	Issue No.	29
LM End	1.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627733 °	38.627733 °
				-121.441415 °	-121.441415 °
DWR ID	DWR_NA0001_07_s _ 2012_29				
Action/Comments					
Fence					
Inspector Comments: Privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00319.jpg



11/17/2011 Privacy fence is constructed at the toe.

LM Start	1.60	Rating **	U	Issue No.	44
LM End	1.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627710 °	38.627710 °
				-121.441283 °	-121.441283 °
DWR ID	DWR_NA0001_07_s _ 2014_44				
Action/Comments					
Tree stumps.					
Inspector Comments: Rotted out tree stump at landside levee toe. Fill and compact the affected area.					

Photo 1 of 1 : mkhashch_s_20140505_00949.jpg



View of the rotted out tree stump and the landside levee toe.

LM Start	1.62	Rating **	U	Issue No.	27
LM End	1.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627681 °	38.627681 °
				-121.441021 °	-121.441021 °
DWR ID	DWR_NA0001_07_s _ 2012_27				
Action/Comments					
Fence					
Inspector Comments: Privacy fence and overgrown trees are within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00317.jpg



11/17/2011 Privacy fence is constructed at the toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.62	Rating **	M	Issue No.	28
LM End	1.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627668 °	38.627668 °
				-121.441018 °	-121.441018 °
DWR ID	DWR_NA0001_07_s _ 2012_28				
Action/Comments					
Fence					
Inspector Comments: Privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00318.jpg



11/17/2011 Privacy fence is constructed at the toe.

LM Start	1.62	Rating **	U	Issue No.	26
LM End	1.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627663 °	38.627663 °
				-121.440784 °	-121.440784 °
DWR ID	DWR_NA0001_07_s _ 2012_26				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00316.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

LM Start	1.62	Rating **	N	Issue No.	35
LM End	1.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.627669 °	38.627669 °
				-121.440853 °	-121.440853 °
DWR ID	DWR_NA0001_07_f _ 2013_35				
Action/Comments					
Tree stumps.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.64	Rating **	U	Issue No.	25
LM End	1.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627679 °	38.627679 °
				-121.440582 °	-121.440582 °
DWR ID	DWR_NA0001_07_s _ 2012_25				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00315.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

LM Start	1.67	Rating **	U	Issue No.	6
LM End	1.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627948 °	38.627948 °
				-121.439958 °	-121.439958 °
DWR ID	DWR_NA0001_07_s _ 2012_6				
Action/Comments					
Fence Inspector Comments: Wooden privacy fence with vines are within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00296.jpg



View of the wooden fence at the landside levee toe.

LM Start	1.68	Rating **	U	Issue No.	1
LM End	1.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628004 °	38.628004 °
				-121.439927 °	-121.439927 °
DWR ID	DWR_NA0001_07_s _ 2012_1				
Action/Comments					
Building Inspector Comments: Construction of new structure is witin 15' of levee.					

Photo 1 of 1 : mkhashch_s_20140428_00292.jpg



View of wood structure covered in tarp.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.69	Rating **	U	Issue No.	7
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.627935 °	38.627935 °
				-121.439758 °	-121.439758 °
DWR ID	DWR_NA0001_07_s _ 2012_7				
Action/Comments					
Building Inspector Comments: Corner of building protrudes into levee slope. Wooden fence is built on the levee slope.					

Photo 1 of 1 : mkhashch_s_20140428_00297.jpg



11/17/2011 Building is constructed at the toe.

LM Start	1.70	Rating **	M	Issue No.	24
LM End	1.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628086 °	38.628086 °
				-121.439544 °	-121.439544 °
DWR ID	DWR_NA0001_07_s _ 2012_24				
Action/Comments					
Landscaping Inspector Comments: Palm tree was trimmed up.					

Photo 1 of 1 : mkhashch_s_20140428_00314.jpg



View of palm tree within 10-ft of the levee toe trimmed up from previous inspection.

LM Start	1.73	Rating **	U	Issue No.	23
LM End	1.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628208 °	38.628208 °
				-121.439142 °	-121.439142 °
DWR ID	DWR_NA0001_07_s _ 2012_23				
Action/Comments					
Fence Inspector Comments: Wooden fence and cedar trees are within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00313.jpg



View of wooden privacy fence constructed at the toe.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.74	Rating **	U	Issue No.	9
LM End	1.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628197 °	38.628197 °
				-121.438863 °	-121.438863 °
DWR ID	DWR_NA0001_07_s_2012_9				
Action/Comments					
Fence					
Inspector Comments: Wooden privacy fence is within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00299.jpg



11/17/2011 Wooden privacy fence is constructed at the toe.

LM Start	1.77	Rating **	U	Issue No.	10
LM End	1.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628273 °	38.628273 °
				-121.438255 °	-121.438255 °
DWR ID	DWR_NA0001_07_s_2012_10				
Action/Comments					
Landscaping Inspector Comments: Ivy and other landscape plantings have grown up chain link fence on the levee toe. Building is within 10-ft of the levee toe. Prunings are on the levee slope.					

Photo 1 of 1 : mkhashch_s_20140505_00950.jpg



Landscaping has grown over the fence and obstructs visibility and access.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.79	Rating **	U	Issue No.	11
LM End	1.79	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628297 °	38.628297 °
				-121.437995 °	-121.437995 °
DWR ID	DWR_NA0001_07_f_2012_11				
Action/Comments					
Landscaping					
Inspector Comments: Dense ivy and landscaping planted on chain link fence on levee toe. Porch and awning are within 10-ft of the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00302.jpg



11/17/2011 Overgrown vegetation obstructs visibility and access.

LM Start	1.80	Rating **	M	Issue No.	12
LM End	1.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628307 °	38.628307 °
				-121.437842 °	-121.437842 °
DWR ID	DWR_NA0001_07_s_2012_12				
Action/Comments					
Fence Inspector Comments: Chain link privacy fence with barbed wire is within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00303.jpg



11/17/2011 Barbed wire topped privacy fence is located at the toe.

LM Start	1.81	Rating **	M	Issue No.	13
LM End	1.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628303 °	38.628303 °
				-121.437693 °	-121.437693 °
DWR ID	DWR_NA0001_07_s_2012_13				
Action/Comments					
Fence Inspector Comments: Chain link privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00304.jpg



11/17/2011 Privacy fence is located at the toe.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.81	Rating **	M	Issue No.	14
LM End	1.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628303 °	38.628303 °
				-121.437530 °	-121.437530 °
DWR ID	DWR_NA0001_07_s _ 2012_14				
Action/Comments					
Fence					
Inspector Comments: Chain link privacy fence is within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00305.jpg



Fall 2009 photo of privacy fence within 10-ft of the levee toe obstructs visibility and access.

LM Start	1.83	Rating **	U	Issue No.	15
LM End	1.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628295 °	38.628295 °
				-121.437282 °	-121.437282 °
DWR ID	DWR_NA0001_07_s _ 2012_15				
Action/Comments					
Landscaping Inspector Comments: Dense ivy growing on chain link fence within 10-ft of levee toe.					

Photo 1 of 2 : mkhashch_s_20140428_00306.jpg



Fall 2009 photo of dense ivy and fence obstruct visibility and access.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.83	Rating **	U	Issue No.	15 (cont)
LM End	1.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628295 °	38.628295 °
				-121.437282 °	-121.437282 °
DWR ID	DWR_NA0001_07_s _ 2012_15				
Action/Comments					
Landscaping Inspector Comments: Dense ivy growing on chain link fence within 10-ft of levee toe.					

Photo 2 of 2 : mkhashch_s_20140428_00307.jpg



11/17/2011 Dense vegetation at the toe.

LM Start	1.84	Rating **	U	Issue No.	16
LM End	1.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628262 °	38.628262 °
				-121.436985 °	-121.436985 °
DWR ID	DWR_NA0001_07_s _ 2012_16				
Action/Comments					
Landscaping Inspector Comments: Dense ivy and trees along chain link fence on levee toe. Large building is within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00308.jpg



11/17/2011 Vegetation and building obstruct visibility and access to the levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Arcade Creek	Right	1.92	04/28/2014 04/29/2014	Maksim Khashchuk

LM Start	1.85	Rating **	U	Issue No.	22
LM End	1.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.628318 °	38.628318 °
				-121.436794 °	-121.436794 °
DWR ID	DWR_NA0001_07_s _ 2012_22				
Action/Comments					
Building Inspector Comments: Wooden shed and landscaping along chain link fence within 10-ft of levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00312.jpg



11/17/2011 Building is too close to the levee toe and obstructs visibility and access.

LM Start	1.88	Rating **	U	Issue No.	21
LM End	1.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.628280 °	38.628280 °
				-121.436365 °	-121.436365 °
DWR ID	DWR_NA0001_07_s _ 2012_21				
Action/Comments					
Landscaping Inspector Comments: Wooden side building and juniper trees along chain link fence are within 10-ft of landside toe.					

Photo 1 of 1 : mkhashch_s_20140428_00311.jpg



11/17/2011 Building and landscaping are too close to the levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

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Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 08 Magpie Creek Diversion			Left	1.43
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/28/2014 - 04/28/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	0.31	Rating **	M	Issue No.	4
LM End	0.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668191 °	38.668118 °
				-121.442059 °	-121.438659 °
DWR ID	DWR_NA0001_08_s _ 2012_4				
Action/Comments					
Fence					
Inspector Comments: Chain link fence near levee toe limits access.					

Photo 1 of 1 : mkhashch_s_20140428_00332.jpg



View of the chainlink fence at landside levee toe facing downstream.

LM Start	0.31	Rating **	A/W	Issue No.	5
LM End	0.48	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668191 °	38.668116 °
				-121.442059 °	-121.438661 °
DWR ID	DWR_NA0001_08_s _ 2012_5				
Action/Comments					
Environmental Requirements.					
Inspector Comments: Re-vegetation site on levee slope.					

No Photos

LM Start	0.33	Rating **	U	Issue No.	15
LM End	0.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668135 °	38.668135 °
				-121.441563 °	-121.441563 °
DWR ID	DWR_NA0001_08_f _ 2013_15				
Action/Comments					
Building					
Inspector Comments: Building under construction within 10 feet of landside levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00338.jpg



View of the building under long term construction or remodel within 10 feet of landside levee toe, facing downstream.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	0.39	Rating **	M	Issue No.	22
LM End	0.39	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668155 °	38.668155 °
				-121.440484 °	-121.440484 °
DWR ID	DWR_NA0001_08_s _ 2014_22				
Action/Comments					
Fence					
Inspector Comments: Remove fence from landside levee slope.					

Photo 1 of 1 : mkhashch_s_20140505_00938.jpg



View of the broken fence on landside levee toe.

LM Start	0.41	Rating **	A/W	Issue No.	21
LM End	0.41	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668159 °	38.668159 °
				-121.440008 °	-121.440008 °
DWR ID	DWR_NA0001_08_s _ 2014_21				
Action/Comments					
Pipe					
Inspector Comments: Drainage pipe crossing the levee.					

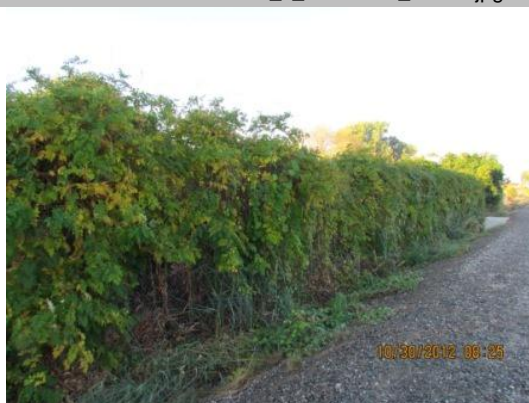
Photo 1 of 1 : mkhashch_s_20140505_00937.jpg



View of the pipe from levee crown.

LM Start	0.43	Rating **	M	Issue No.	6
LM End	0.43	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668141 °	38.668147 °
				-121.439755 °	-121.440248 °
DWR ID	DWR_NA0001_08_s _ 2012_6				
Action/Comments					
Landscaping					
Inspector Comments: Vines on fence limit visibility.					

Photo 1 of 1 : mkhashch_s_20140428_00333.jpg



View of the vines on fence obstructing visibility of landside toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	0.48	Rating **	U	Issue No.	14
LM End	0.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.668110 °	38.668110 °
				-121.438727 °	-121.438727 °
DWR ID	DWR_NA0001_08_s _ 2013_14				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Shrubs continue to encroach up the waterside levee slope, obstructing visibility and access.					

Photo 1 of 1 : mkhashch_s_20140505_00936.jpg



View of the woody vegetation on the waterside levee slope.

LM Start	0.51	Rating **	U	Issue No.	1
LM End	1.02	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.668132 °	38.665528 °
				-121.438229 °	-121.431688 °
DWR ID	DWR_NA0001_08_s _ 2012_1				
Action/Comments					
Material Inspector Comments: This portion of the levee is inaccessible for maintenance.					

Photo 1 of 1 : mkhashch_s_20140505_00935.jpg



View from downstream end of inaccessible portion of Magpie Creek due to landowner restrictions. There is no levee for ARFCD to maintain at this location. However, the channel maintenance is the responsibility of Sacramento Yard.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	1.21	Rating **	M	Issue No.	20
LM End	1.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.662860 °	38.662860 °
				-121.431671 °	-121.431671 °
DWR ID	DWR_NA0001_08_s_2014_20				
Action/Comments					
Pole					

Photo 1 of 1 : mkhashch_s_20140505_00934.jpg



View of the pole on landside levee toe.

LM Start	1.22	Rating **	M	Issue No.	2
LM End	1.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.662715 °	38.661584 °
				-121.431666 °	-121.431402 °
DWR ID	DWR_NA0001_08_s_2012_2				
Action/Comments					
Fence					
Inspector Comments: Barbed wire fence runs along the levee toe.					

Photo 1 of 1 : mkhashch_s_20140428_00330.jpg



11/17/2011 Barbed wire fence at levee toe.

LM Start	1.29	Rating **	M	Issue No.	7
LM End	1.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.661593 °	38.661370 °
				-121.431420 °	-121.430943 °
DWR ID	DWR_NA0001_08_s_2012_7				
Action/Comments					
Fence					
Inspector Comments: Cyclone fence with barbed wire within 10' of toe for part of its alignment.					

Photo 1 of 1 : mkhashch_s_20140428_00334.jpg



11/17/2011 Chainlink fence at levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	1.32	Rating **	M	Issue No.	16
LM End	1.32	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.661843 °	38.661843 °
				-121.431675 °	-121.431675 °
DWR ID	DWR_NA0001_08_s_2014_16				
Action/Comments					
Inspector Comments: FS_ID:30689					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: unable to confirm if conduit or gas line cross levee or					
flag identifying problem areas. Need additional information.					
FIELD_STRUCT_DESC: Underground service alert (USA) markers					
found on waterward and landward side during field inspection.					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6301.jpg



View of landward side.

LM Start	1.38	Rating **	M	Issue No.	13
LM End	1.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.660987 °	38.660987 °
				-121.430120 °	-121.430120 °
DWR ID	DWR_NA0001_08_s_2013_13				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: The LMA has significantly improved this location and is in the final stages of exterminating invasive vegetation.					

Photo 1 of 1 : mkhashch_s_20140505_00933.jpg



View of the woody vegetation to be removed from the landside levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	1.38	Rating **	M	Issue No.	8
LM End	1.42	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.660968 °	38.660828 °
				-121.430023 °	-121.429428 °
DWR ID	DWR_NA0001_08_s _ 2013_8				
Action/Comments					
Fence Inspector Comments: Cyclone fence alignment returns to within 10' of toe.					

Photo 1 of 1 : mkhashch_s_20140428_00335.jpg



11/17/2011 Chainlink fence alignment returns to the levee toe.

LM Start	1.39	Rating **	M	Issue No.	19
LM End	1.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.660928 °	38.660928 °
				-121.429930 °	-121.429930 °
DWR ID	DWR_NA0001_08_s _ 2014_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Tall vegetation on landside levee slope obstructing visibility.					

Photo 1 of 1 : mkhashch_s_20140505_00932.jpg



View of the tall vegetation on landside levee slope.

LM Start	1.39	Rating **	A/W	Issue No.	3
LM End	1.39	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.660896 °	38.660896 °
				-121.429888 °	-121.429888 °
DWR ID	DWR_NA0001_08_s _ 2013_3				
Action/Comments					
Pipe					

Photo 1 of 1 : mkhashch_s_20140428_00331.jpg



View of the gate valve at the waterside levee hinge.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Magpie Creek Diversion	Left	1.43	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	1.42	Rating **	M	Issue No.	18
LM End	1.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.660813 °	38.660813 °
				-121.429499 °	-121.429499 °
DWR ID	DWR_NA0001_08_s _ 2014_18				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation taller than 12 inches on waterside levee slope.					

Photo 1 of 1 : mkhashch_s_20140505_00931.jpg



View of the tall annual vegetation on the waterside levee slope.

LM Start	1.44	Rating **	M	Issue No.	17
LM End	1.44	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.660913 °	38.660913 °
				-121.429900 °	-121.429900 °
DWR ID	DWR_NA0001_08_s _ 2014_17				
Action/Comments					
Inspector Comments: FS_ID:29329					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Non-functional crossing--need to coordinate with owner, DWR-Inspector, and CVFPB to determine how to properly abandon crossing.					
FIELD_STRUCT_DESC: Abandoned 24-inch pipe through the levee, 8.0 feet below the crown. Two CM cutoff walls around pipe. Slide gate in 30-inch CM riser and flap gate at waterward end. Concrete "U" headwall and splash apron on waterward end. Landward end cutoff and plugged, riser filled with dirt. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 72+10).					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6205.jpg



Slide gate non-functional--riser filled with soil.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 09 American River			Right	4.32
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/29/2014 - 04/29/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Richard Marck ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	0.02	Rating **	A/W	Issue No.	13
LM End	0.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567955 °	38.567955 °
				-121.383623 °	-121.383623 °
DWR ID	DWR_NA0001_09_f_2013_13				
Action/Comments					
Pipe					
Inspector Comments: Monitoring well at landside levee hinge.					

Photo 1 of 1 : mkhashch_s_20140508_00960.jpg



View of the monitoring well cap at the landside levee hinge.

LM Start	0.40	Rating **	N	Issue No.	12
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.566725 °	38.566725 °
				-121.389935 °	-121.389935 °
DWR ID	DWR_NA0001_09_f_2013_12				
Action/Comments					
Tree stumps.					

No Photos

LM Start	0.45	Rating **	N	Issue No.	14
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.566298 °	38.566298 °
				-121.390680 °	-121.390680 °
DWR ID	DWR_NA0001_09_s_2012_14				
Action/Comments					
Tree stumps.					
Inspector Comments: Tree trunk at fence line.					

Photo 1 of 1 : mkhashch_s_20140428_00348.jpg



Tree trunk at fence line.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.13	Rating **	M	Issue No.	3
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.563040 °	38.563040 °
				-121.402168 °	-121.402168 °
DWR ID	DWR_NA0001_09_s_2012_3				
Action/Comments					
Landscaping					
Inspector Comments: Ivy on slope					

Photo 1 of 1 : mkhashch_s_20140508_00959.jpg



View of the landscaping at the levee toe.

LM Start	1.31	Rating **	M	Issue No.	18
LM End	1.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.562285 °	38.562285 °
				-121.405265 °	-121.405265 °
DWR ID	DWR_NA0001_09_s_2014_18				
Action/Comments					
Inspector Comments: FS_ID:29347					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: Abandoned 12-inch steel pipe through the levee, 14.0 feet below the crown. Riser unit on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 296+85). Pipe abandonment was referenced in Permit No. 4622 (1964).					
FS Date: 12/5/2013					

Photo 1 of 1 : UCIP_6208.jpg



View of waterward side--tall riser located approximately 200 feet away.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.74	Rating **	M	Issue No.	11
LM End	1.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.560812 °	38.560812 °
				-121.412803 °	-121.412803 °
DWR ID	DWR_NA0001_09_f_2013_11				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : mkhashch_s_20140428_00346.jpg



View of the rodent hole on the landside levee slope.

LM Start	1.89	Rating **	N	Issue No.	4
LM End	1.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.561074 °	38.561074 °
				-121.415532 °	-121.415532 °
DWR ID	DWR_NA0001_09_f_2013_4				
Action/Comments					
Tree stumps.					

No Photos

LM Start	1.94	Rating **	C	Issue No.	5
LM End	1.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.561322 °	38.561322 °
				-121.416350 °	-121.416350 °
DWR ID	DWR_NA0001_09_s_2012_5				
Action/Comments					
Fence					
Inspector Comments: Cinder block trash enclosure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	1.97	Rating **	M	Issue No.	19
LM End	1.97	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.560889 °	38.560889 °
				-121.417196 °	-121.417196 °
DWR ID	DWR_NA0001_09_s _ 2014_19				
Action/Comments					
Inspector Comments: FS_ID:29351					
EP_NO: 17587					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm if riser belongs to this crossing--					
needs to coordinate with owner to determine specifics. Description					
needs to be updated.					
FIELD_STRUCT_DESC: 54-inch water main through the levee. (Permit					
No. 17587-2003)					
FS Date: 12/5/2013					

Photo 1 of 1 : UCIP_6210.jpg



View of waterward berm looking toward levee crown from waterward berm edge.

LM Start	1.98	Rating **	M	Issue No.	20
LM End	1.98	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.561064 °	38.561064 °
				-121.417323 °	-121.417323 °
DWR ID	DWR_NA0001_09_s _ 2014_20				
Action/Comments					
Inspector Comments: FS_ID:30124					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: unable to confirm crossing--need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 60-inch sewer main through the American River overflow area. Erosion protection and rock revetment on waterward slope added under Permit No. 14487 (1986).					
FS Date: 12/5/2013					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	2.00	Rating **	M	Issue No.	21
LM End	2.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.561119 °	38.561119 °
				-121.417581 °	-121.417581 °
DWR ID	DWR_NA0001_09_s_2014_21				
Action/Comments					
Inspector Comments: FS_ID:29605					
EP_NO: 12188					
Repair Type:					
Crossing Status:					
UCIP Comments: unable to confirm crossing--need to contact owner to determine specifics and status of crossing.					
FIELD_STRUCT_DESC: 60-inch steel sewer main under the levee, approximately 21.6 feet below the crown. Two concrete cutoff walls around pipe under each shoulder. (Permit No. 12188-1979)					
FS Date: 12/5/2013					

No Photos

LM Start	2.56	Rating **	M	Issue No.	22
LM End	2.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568767 °	38.568767 °
				-121.421178 °	-121.421178 °
DWR ID	DWR_NA0001_09_s_2014_22				
Action/Comments					
Inspector Comments: FS_ID:31309 EP_NO: N/A Repair Type: Crossing Status: UCIP Comments: Unable to confirm crossing. will need to contact owner to determine specifics and status of crossing. FIELD_STRUCT_DESC: 36-inch CM pipe through the levee. Riser unit on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 365+14). FS Date: 12/5/2013					

Photo 1 of 1 : UCIP_6402.jpg



Manhole visible on waterward side.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	3.01	Rating **	M	Issue No.	6
LM End	3.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.575035 °	38.575035 °
				-121.419802 °	-121.419802 °
DWR ID	DWR_NA0001_09_f_2012_6				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : mkhashch_s_20140428_00345.jpg



View of active rodent burrow at landside levee toe.

LM Start	3.11	Rating **	U	Issue No.	2
LM End	3.24	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.576423 °	38.578248 °
				-121.419117 °	-121.418475 °
DWR ID	DWR_NA0001_09_s_2012_2				
Action/Comments					
Fence					

Photo 1 of 1 : mkhashch_s_20140428_00342.jpg



View of the trimmed vegetation on the chain linked fence still obstructing visibility.

LM Start	3.24	Rating **	M	Issue No.	1
LM End	3.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.578258 °	38.579363 °
				-121.418475 °	-121.418100 °
DWR ID	DWR_NA0001_09_s_2012_1				
Action/Comments					
Fence					

Photo 1 of 1 : mkhashch_s_20140428_00341.jpg



View of the fence at the landside levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	3.38	Rating **	A/W	Issue No.	7
LM End	3.38	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.580159 °	38.580159 °
				-121.417773 °	-121.417773 °
DWR ID	DWR_NA0001_09_s _ 2012_7				
Action/Comments					
Pipe					
Inspector Comments: 60 inch FM					

No Photos

LM Start	3.38	Rating **	M	Issue No.	23
LM End	3.38	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580094 °	38.580094 °
				-121.417821 °	-121.417821 °
DWR ID	DWR_NA0001_09_s _ 2014_23				
Action/Comments					
Inspector Comments: FS_ID:30125					
EP_NO: 17671					
Repair Type:					
Crossing Status:					
UCIP Comments: unable to confirm if manhole is part of this crossing--					
need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 1 of 2: 60-inch sewer main under the levee.					
Connects to 60-inch main on landward side. (Permit No. 17671-2003)					
FS Date: 12/5/2013					

Photo 1 of 1 : UCIP_6285.jpg



Manhole visible on waterward toe.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	3.40	Rating **	M	Issue No.	24
LM End	3.40	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580347 °	38.580347 °
				-121.417734 °	-121.417734 °
DWR ID	DWR_NA0001_09_s_2014_24				
Action/Comments					
Inspector Comments: FS_ID:29633					
EP_NO: 12188					
Repair Type:					
Crossing Status:					
UCIP Comments: unable to confirm if crossing is still active--need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 60-inch concrete encased steel sewer line through the levee, 17.0 feet below the crown. Cutoff wall around pipe at the center of the levee. Rock revetment on waterward slope. Three pressure manholes in overflow area along pipe path. (Permit No. 12188-1979)					
FS Date: 12/5/2013					

Photo 1 of 1 : UCIP_6218.jpg



View of landward side.

LM Start	3.48	Rating **	M	Issue No.	25
LM End	3.48	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581572 °	38.581572 °
				-121.417819 °	-121.417819 °
DWR ID	DWR_NA0001_09_s_2014_25				
Action/Comments					
Inspector Comments: FS_ID:30684					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: unable to determine if crossing goes through levee.					
Need to obtain additional information to confirm crossing.					
FIELD_STRUCT_DESC: Water fountain found on waterward side.					
FS Date: 12/5/2013					

Photo 1 of 1 : UCIP_6298.jpg



View of landward side.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	3.75	Rating **	M	Issue No.	26
LM End	3.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584344 °	38.584344 °
				-121.420968 °	-121.420968 °
DWR ID	DWR_NA0001_09_s_2014_26				
Action/Comments					
Inspector Comments: FS_ID:31304					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Need to confirm crossing size--need additional information about crossing.					
FIELD_STRUCT_DESC: 1 of 2: Crossing through levee at unknown depth. Concrete structure (7x15-foot) located on waterward shoulder with slide gate inside manhole. Square flap gate located on waterward end. Concrete wings and apron at waterward end of outlet channel. Concrete box located on the waterward shoulder fenced off.					
FS Date: 12/5/2013					

Photo 1 of 1 : UCIP_6385.jpg



Concrete box and electrical box located on waterward shoulder.

LM Start	3.75	Rating **	M	Issue No.	27
LM End	3.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584355 °	38.584355 °
				-121.420989 °	-121.420989 °
DWR ID	DWR_NA0001_09_s_2014_27				
Action/Comments					
Inspector Comments: FS_ID:31306					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm pipe size--need additional information about crossing.					
FIELD_STRUCT_DESC: 2 of 2: Crossing through levee at unknown depth. Concrete structure (7x15-foot) located on waterward shoulder with slide gate inside manhole. Square flap gate located on waterward end. Concrete wings and apron at waterward end of outlet channel. Concrete box located on the waterward shoulder fenced off. No permit was found for this crossing.					
FS Date: 12/5/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 American River	Right	4.32	04/29/2014 04/29/2014	Maksim Khashchuk

LM Start	3.79	Rating **	M	Issue No.	28
LM End	3.79	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584710 °	38.584710 °
				-121.421496 °	-121.421496 °
DWR ID	DWR_NA0001_09_s _ 2014_28				
Action/Comments					
Inspector Comments: FS_ID:31307					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm is pipe crosses levee--no permit available.					
FIELD_STRUCT_DESC: Service box located on waterward side and landward side. Unable to confirm crossing exists through levee. No permit found for this potential crossing.					
FS Date: 12/5/2013					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 10 American River			Right	3.34
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/29/2014 - 04/30/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Richard Marck ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	04/29/2014 04/30/2014	Maksim Khashchuk

LM Start	0.00	Rating **	U	Issue No.	16
LM End	0.70	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.600917 °	38.592184 °
				-121.332100 °	-121.334347 °
DWR ID	DWR_NA0001_10_s_2012_16				
Action/Comments					
Urban					

Photo 1 of 1 : mkhashch_s_20140428_00360.jpg



Levee encroached on by property owners north of Arden.

LM Start	0.70	Rating **	M	Issue No.	8
LM End	0.70	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.592105 °	38.592105 °
				-121.334423 °	-121.334423 °
DWR ID	DWR_NA0001_10_s_2014_8				
Action/Comments					
Inspector Comments: FS_ID:31450					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to determine alignment of crossing, does it cross levee? Permit?					
FIELD_STRUCT_DESC: Protective posts located on landward side for what appears to be for gas/petroleum line. Unable to confirm if line goes through levee or if line runs parallel. No permit found.					
FS Date: 12/4/2013					

Photo 1 of 1 : UCIP_6435.jpg



View of protective posts located on landward side.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	04/29/2014 04/30/2014	Maksim Khashchuk

LM Start	0.80	Rating **	M	Issue No.	9
LM End	0.80	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.591003 °	38.591003 °
				-121.335459 °	-121.335459 °
DWR ID	DWR_NA0001_10_s_2014_9				
Action/Comments					
Inspector Comments: FS_ID:26281					
EP_NO: 12725					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm if this crossing is the same under permit 12725. Drinking fountain and water flow prevention located on waterward side. Need to coordinate with American River Flood Control District.					
FIELD_STRUCT_DESC: 6-inch steel water pipe through the levee, 2.5 feet below the crown. Arcade Water District well at landward toe.					
(Permit No. 12725-1980)					
FS Date: 12/4/2013					

Photo 1 of 1 : UCIP_6102.jpg



View of waterward side--faucet and water flow prevention system.

LM Start	1.12	Rating **	M	Issue No.	10
LM End	1.12	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.586813 °	38.586813 °
				-121.337643 °	-121.337643 °
DWR ID	DWR_NA0001_10_s_2014_10				
Action/Comments					
Inspector Comments: FS_ID:31284					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to determine reason for box and whether there is a utility that crosses levee. No permit found.					
FIELD_STRUCT_DESC: Service box located on waterward side. No permit found.					
FS Date: 12/4/2013					

Photo 1 of 1 : UCIP_6381.jpg



Concrete vault located on waterward side.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	04/29/2014 04/30/2014	Maksim Khashchuk

LM Start	1.37	Rating **	M	Issue No.	12
LM End	1.37	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583873 °	38.583873 °
				-121.340037 °	-121.340037 °
DWR ID	DWR_NA0001_10_s_2014_12				
Action/Comments					
Inspector Comments: FS_ID:26299					
EP_NO: 7993					
Repair Type:					
Crossing Status:					
UCIP Comments: Unable to confirm if crossing buried is the same as this crossing. Need to contact owner to confirm utility description.					
FIELD_STRUCT_DESC: 6-inch plastic lined steel pipe through the levee. Steel cutoff wall around pipe at center of levee. (Permit No. 7993-1973)					
FS Date: 12/4/2013					

Photo 1 of 1 : UCIP_6114.jpg



View of waterward side--Underground Alert System markers showing alignment.

LM Start	1.37	Rating **	M	Issue No.	13
LM End	1.37	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583780 °	38.583780 °
				-121.340126 °	-121.340126 °
DWR ID	DWR_NA0001_10_s_2014_13				
Action/Comments					
Inspector Comments: FS_ID:26296 EP_NO: 3599B Repair Type: Crossing Status: UCIP Comments: Need to determine status of structure-unable to determine if crossing is being used. Only indicator visible during inspection was the underground alert service markers and spray paint visible on the levee crown. FIELD_STRUCT_DESC: 1 of 3: 12-inch concrete encased pipe through the levee, 15.3 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landward toe-not found 2013. Sewage treatment plant on waterward side. Control valve in concrete box on the waterward side. (Permit No. 3599B-1964) FS Date: 12/4/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	04/29/2014 04/30/2014	Maksim Khashchuk

LM Start	1.38	Rating **	M	Issue No.	14
LM End	1.38	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583750 °	38.583750 °
				-121.340143 °	-121.340143 °
DWR ID	DWR_NA0001_10_s_2014_14				
Action/Comments					
Inspector Comments: FS_ID:26298 EP_NO: 3599A Repair Type: Crossing Status: UCIP Comments: Need to determine status of structure. Need to coordinate with owner to determine maintenance records to confirm integrity. FIELD_STRUCT_DESC: 2 of 3: 36-inch concrete encased pipe through the levee, 6.9 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landward toe. Sewage treatment plant on waterward side. Control valve in concrete box on the waterward side. (Permit No. 3599A-1964) FS Date: 12/4/2013					

No Photos

LM Start	1.38	Rating **	M	Issue No.	15
LM End	1.38	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583738 °	38.583738 °
				-121.340161 °	-121.340161 °
DWR ID	DWR_NA0001_10_s_2014_15				
Action/Comments					
Inspector Comments: FS_ID:26426 EP_NO: 3599 Repair Type: Crossing Status: UCIP Comments: Need to determine status of structure--unable to determine if crossing is still being used. Underground service alert (USA) flag indicates 60 inch pipe through levee. Need to clarify. FIELD_STRUCT_DESC: 3 of 3: 54-inch concrete encased pipe through the levee, 8.5 feet below the crown. Two cutoff walls around pipe in line with each shoulder. Slide gate in concrete gate structure at landward toe. Sewage treatment plant on waterward side. Control valve in concrete box on the waterward side. (Permit No. 3599-1964) FS Date: 12/4/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	04/29/2014 04/30/2014	Maksim Khashchuk

LM Start	1.62	Rating **	A/W	Issue No.	11
LM End	1.62	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.581572 °	38.581572 °
				-121.343706 °	-121.343706 °
DWR ID	DWR_NA0001_10_s_2012_11				
Action/Comments					
Pipe					
Inspector Comments: Water Line					

Photo 1 of 1 : mkhashch_s_20140508_00964.jpg



View of the pipe at the landside levee hinge.

LM Start	1.70	Rating **	M	Issue No.	20
LM End	1.70	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580991 °	38.580991 °
				-121.344917 °	-121.344917 °
DWR ID	DWR_NA0001_10_s_2014_20				
Action/Comments					
Inspector Comments: FS_ID:30575					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: 2nd marker visible on landward side at levee mile 1.63 (38.581564 -121.343806).					
FIELD_STRUCT_DESC: Marker indicating water line located on landward toe. Unable to determine if line runs parallel to levee or if line crosses levee. Unable to find permit for work.					
FS Date: 12/4/2013					

Photo 1 of 1 : UCIP_6296.jpg



Waterline marker at levee mile 1.63.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	04/29/2014 04/30/2014	Maksim Khashchuk

LM Start	1.70	Rating **	M	Issue No.	21
LM End	1.70	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.999999 °	38.999999 °
				-121.999999 °	-121.999999 °
DWR ID	DWR_NA0001_10_s_2014_21				
Action/Comments					
Inspector Comments: FS_ID:30571					
EP_NO: 3063					
Repair Type:					
Crossing Status:					
UCIP Comments:					
FIELD_STRUCT_DESC: * DELETE (Duplicate Entry).					
FS Date: 12/4/2013					

No Photos

LM Start	2.51	Rating **	A/W	Issue No.	7
LM End	2.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.575126 °	38.575126 °
				-121.357575 °	-121.357575 °
DWR ID	DWR_NA0001_10_f_2013_7				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : mkhashch_s_20140428_00359.jpg



View of the pathway on the landside levee slope.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	04/29/2014 04/30/2014	Maksim Khashchuk

LM Start	3.34	Rating **	M	Issue No.	22
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.569928 °	38.569928 °
				-121.370973 °	-121.370973 °
DWR ID	DWR_NA0001_10_s_2014_22				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : mkhashch_s_20140508_00963.jpg



View of the erosion on the landside levee slope caused by pedestrian foot traffic.

LM Start	3.37	Rating **	M	Issue No.	114
LM End	3.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.569866 °	38.569866 °
				-121.371403 °	-121.371403 °
DWR ID	DWR_NA0001_10_s_2012_114				
Action/Comments					
Note and monitor erosion site.					
Inspector Comments: Erosion occurring at junction of footpath and burrow at the hinge point.					

Photo 1 of 2 : mkhashch_s_20140428_00361.jpg



11/16/2011 Erosion from pedestrian traffic, burrow can be seen in the photo in the lower portion of the shadow.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	04/29/2014 04/30/2014	Maksim Khashchuk

LM Start	3.37	Rating **	M	Issue No.	114 (cont)	
LM End	3.37	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Erosion / Bank Caving			38.569866 °	38.569866 °	
				-121.371403 °	-121.371403 °	
DWR ID	DWR_NA0001_10_s_2012_114					
Action/Comments						
Note and monitor erosion site.						
Inspector Comments: Erosion occurring at junction of footpath and burrow at the hinge point.						

Photo 2 of 2 : mkhashch_s_20140428_00362.jpg



View of the erosion on the landside levee slope from pedestrian traffic.

LM Start	3.58	Rating **	M	Issue No.	6
LM End	3.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.569556 °	38.569556 °
				-121.375302 °	-121.375302 °
DWR ID	DWR_NA0001_10_s_2012_6				
Action/Comments					
Landscaping					

Photo 1 of 1 : mkhashch_s_20140428_00358.jpg



Trees at fence line obstruct access and visibility.

LM Start	3.64	Rating **	M	Issue No.	1
LM End	3.64	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.569360 °	38.569360 °
				-121.376388 °	-121.376388 °
DWR ID	DWR_NA0001_10_s_2013_1				
Action/Comments					
Landscaping					

Photo 1 of 1 : mkhashch_s_20140428_00356.jpg



View of the landscaping at the levee toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 American River	Right	3.34	04/29/2014 04/30/2014	Maksim Khashchuk

LM Start	3.87	Rating **	M	Issue No.	116
LM End	3.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.568526 °	38.568526 °
				-121.380331 °	-121.380331 °
DWR ID	DWR_NA0001_10_s_2012_116				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comments: Foot traffic is eroding the landside slope.					

Photo 1 of 1 : mkhashch_s_20140508_00962.jpg



View of the erosion on the landside levee slope caused by pedestrian foot traffic.

LM Start	3.88	Rating **	M	Issue No.	4
LM End	3.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.568492 °	38.568076 °
				-121.380477 °	-121.382001 °
DWR ID	DWR_NA0001_10_s_2012_4				
Action/Comments					
Landscaping					
Inspector Comments: Ivy and trees.					

Photo 1 of 1 : mkhashch_s_20140508_00961.jpg



View of the landscaping at the landside levee toe and slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 11 New Linda Creek			Left	0.73
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/28/2014 - 04/28/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	0.04	Rating **	M	Issue No.	7
LM End	0.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.662719 °	38.667927 °
				-121.457218 °	-121.448734 °
DWR ID	DWR_NA0001_11_s_2014_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : mkhashch_s_20140505_00939.jpg



View of the tall vegetation on the landside levee slope.

LM Start	0.08	Rating **	M	Issue No.	1
LM End	0.08	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.662976 °	38.662976 °
				-121.456464 °	-121.456464 °
DWR ID	DWR_NA0001_11_s_2014_1				
Action/Comments					
Inspector Comments: FS_ID:31310					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: no permit found--owner? (unauthorized?)					
FIELD_STRUCT_DESC: 24-inch pipe through the levee at unknown depth. Concrete box located on waterward shoulder. Concrete wall located on waterward and landward side. Siphon breaker inside concrete service box located on waterward shoulder. No permit found.					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6405.jpg



View of waterward side.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	0.49	Rating **	M	Issue No.	2
LM End	0.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.666585 °	38.666585 °
				-121.451009 °	-121.451009 °
DWR ID	DWR_NA0001_11_s_2014_2				
Action/Comments					
Inspector Comments: FS_ID:31311					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: owner? permit? (unauthorized?)					
FIELD_STRUCT_DESC: 6 inch conduit through levee at unknown					
depth. Conduit extends across the channel, attached to bridge.					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6409.jpg



Crossing visible on waterward side.

LM Start	0.50	Rating **	M	Issue No.	3
LM End	0.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.666745 °	38.666745 °
				-121.450918 °	-121.450918 °
DWR ID	DWR_NA0001_11_s_2014_3				
Action/Comments					
Inspector Comments: FS_ID:31312					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: owner? permit? (unauthorized?)					
FIELD_STRUCT_DESC: 4 inch conduit through levee at unknown depth. Conduit extends across the channel, attached to bridge.					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6410.jpg



Conduit attached to the upstream face of Rio Linda Blvd Bridge.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 New Linda Creek	Left	0.73	04/28/2014 04/28/2014	Maksim Khashchuk

LM Start	0.52	Rating **	M	Issue No.	6
LM End	0.52	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.667108 °	38.667108 °
				-121.450827 °	-121.450827 °
DWR ID	DWR_NA0001_11_s_2014_6				
Action/Comments					
Inspector Comments: FS_ID:31313					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: owner? permit? (unauthorized?)					
FIELD_STRUCT_DESC: 24-inch (estimate only field verify) storm drain pipe through levee at an unknow depth. Concrete headwalls with debris screens located on waterward and landward side. Concrete box with protective posts located on waterward shoulder. No permit found.					
FS Date: 12/20/2013					

Photo 1 of 1 : UCIP_6412.jpg



Concrete vault with protective posts located on waterward shoulder.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

American River Flood Control District

Waterway			Bank	Unit Miles
Unit No. 12 American River			Left	0.84
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/30/2014 - 04/30/2014			
DWR Inspector	Maksim Khashchuk			
Accompanied By	Richard Marck ARFCD			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	04/30/2014 04/30/2014	Maksim Khashchuk

LM Start	0.05	Rating **	A/W	Issue No.	4
LM End	0.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570691 °	38.570691 °
				-121.353550 °	-121.353550 °
DWR ID	DWR_NA0001_12_s_2014_4				
Action/Comments					
Pipe					
Inspector Comments: 3 pipes across levee.					

Photo 1 of 1 : mkhashch_s_20140508_00965.jpg



View of the pumping facility at the landside levee toe.

LM Start	0.06	Rating **	A/W	Issue No.	3
LM End	0.06	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.570879 °	38.570879 °
				-121.353566 °	-121.353566 °
DWR ID	DWR_NA0001_12_s_2014_3				
Action/Comments					
Pipe					

Photo 1 of 1 : mkhashch_s_20140508_00966.jpg



View of the access hole at the waterside levee hinge.

LM Start	0.07	Rating **	M	Issue No.	2
LM End	0.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.571036 °	38.571036 °
				-121.353441 °	-121.353441 °
DWR ID	DWR_NA0001_12_s_2014_2				
Action/Comments					
Landscaping					

Photo 1 of 1 : mkhashch_s_20140508_00967.jpg



View of the landscaping at the landside levee toe.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

American River Flood Control District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 American River	Left	0.84	04/30/2014 04/30/2014	Maksim Khashchuk

LM Start	0.71	Rating **	A/W	Issue No.	1
LM End	0.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.576533 °	38.576533 °
				-121.344134 °	-121.344134 °
DWR ID	DWR_NA0001_12_s_2014_1				
Action/Comments					
Pipe					
Inspector Comments: Wastewater pipes through the levee.					

Photo 1 of 1 : mkhashch_s_20140508_00968.jpg



View of the wastewater pipe crossing the levee.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement